Permit

Environmental Protection Act 1994

Environmental authority EPPR00499013

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

Environmental authority number: EPPR00499013

Environmental authority takes effect on 22 July 2019

Environmental authority holder(s)

Name(s)	Registered address
ORICA AUSTRALIA PTY LTD	Level 3, 1 Nicholson Street EAST MELBOURNE VIC 3002

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
Prescribed ERA, ERA 61 - Waste incineration and thermal treatment, 3: Incinerating or thermally treating, (b) other regulated waste	Lot 1/CSH2362
Prescribed ERA, ERA 63 - Sewage Treatment, 1: Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of, (b-i) more than 100 but not more than 1500EP if treated effluent is discharged from the works to an infiltration trench or through an irrigation scheme	Lot 1/CSH2362

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:

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- 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.

Scott Blanchard
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Date issued: 29 July 2019

Enquiries:
Waste and Contaminated Land Assessment
Department of Environment and Science
Phone: 1300 130 372
Email: palm@des.qld.gov.au

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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)

Other permits required

This permit only provides an approval under the *Environmental Protection Act 1994*. In order to lawfully operate you may also require permits / approvals from your local government authority, other business units within the department and other State Government agencies prior to commencing any activity at the site.

Development Approval

This permit is not a development approval under the *Planning Act 2016*. The conditions of this environmental authority are separate, and in addition to, any conditions that may be on the development approval. If a copy of this environmental authority is attached to a development approval, it is for information only, and may not be current. Please contact the Department of Environment and Science to ensure that you have the most current version of the environmental authority relating to this site.

Conditions of environmental authority

Location: Airforce Road**,** Helidon QLD 4344

Lot 1, Plan CSH2362

Activity: ERA 63 (b-i) – Sewage treatment - Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1500EP if treated effluent is discharged from the works to an infiltration trench or through an irrigation scheme

ERA 61 (b) – Waste incineration and thermal treatment – Thermally reprocessing or treating, in a year, the following quantity of category 1 regulated waste more than 5,000t but not more than 10,000t

The environmentally relevant activitie(s) conducted at the location(s) as described above must be conducted in accordance with the following conditions of approval.

Agency interest: General	
Condition number	**Condition**
A1	**Prevent and / or Minimise Likelihood of Environmental Harm** Notwithstanding any other requirements of this development approval, all reasonable and practicable measures must be taken to prevent and / or to minimise the likelihood of environmental harm being caused when carrying out the environmentally relevant activity.
A2	**Maintenance of Plant and Equipment** The registered operator of this development approval must: (ii) install all plant and equipment necessary to ensure compliance with the conditions of this development approval; and (iii) maintain such plant and equipment in a proper and efficient condition; and (iv) operate such plant and equipment in a proper and efficient manner. In this condition, “plant and equipment” includes: (ii) plant and equipment used to prevent and/or minimise the likelihood of environmental harm being caused; (iii) devices and structures to contain foreseeable escapes of contaminants and waste; and (iv) devices and structures used to store, handle, treat and dispose of waste.
A3	**Records** Any record or document required to be kept by a condition of this development approval must be kept at the **approved place** for a period of at least five (5) years and be available for examination by an authorised person. The record retention requirements of this condition will be satisfied if any daily and weekly records are kept for a period of at least three (3) years and these records are then kept in the form of annual summaries after that period.

A4	**Alterations** No change, replacement or operation of any plant or equipment 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. An example of a substantial increase in the risk of environmental harm is an increase of ten percent (10%) or more in the quantity of the contaminant to be released into the environment.
A5	**Calibration** All instruments and devices used for the measurement or monitoring of any parameter under any condition of this development approval must be calibrated, and appropriately operated and maintained.
A6	**Control of Burning Ground** All persons engaged in the conduct of the activity, including but not limited to employees and contract staff, must be: (i) trained in the procedures and practices necessary to: (a) comply with the conditions of this development approval, and (b) prevent environmental harm during normal operation and emergencies; or (ii) under the close supervision of such a trained person.
A7	A log book must be kept showing of supervising operator(s) and be validated with the operator's signature.
A8	**Integrated Environmental Management System** The registered operator of this development approval must develop and implement an up to date Integrated Environmental Management System (IEMS) which provides for the effective and appropriate management by the registered operator of this development approval of the actual and potential environmental impacts resulting from the carrying out of the environmentally relevant activities.

A9	The Integrated Environmental Management System must provide for at least the following functions: (i) the assessment of the environmental impacts of any releases of contaminants into the environment, for example, monitoring and assessment of site contamination caused by the burning of waste, or complaints monitoring required under this development approval; (ii) the training of all relevant staff, agents and contractors ("staff") to competent levels in at least the following – (a) the environmental policy of the registered operator of this development approval so that staff are aware of any relevant commitments to environmental management; (b) any relevant environmental objectives and targets so that all staff are aware of the relevant performance objectives and can work towards these; (c) control procedures for routine operations for day to day operational activities to prevent or minimise environmental harm, however occasioned or caused, for example, procedures for the minimisation of waste requiring to be burnt on site; (d) contingency plans and emergency procedures for non-routine situations to deal with foreseeable risks and hazards including corrective responses to prevent and mitigate environmental harm (including any necessary site rehabilitation); (e) organisational structure and responsibility to ensure that roles, responsibilities and authorities are appropriately defined to manage environmental issues effectively; (f) effective communication to ensure two-way communication on environmental matters between operational staff and management as well as communications with the **administering authority;** (g) documentation systems so that appropriate records of environmental matters are kept to satisfy the registered operator of this development approval, the **administering authority** and the community that the applicant is meeting environmental commitments; (h) responsibilities of the registered operator of this development approval and staff under the *Environmental Protection Act 1994* so that these can be met; and (iii) the conduct of environmental audits to review periodically – (a) the level of environmental performance; (b) the effectiveness of environmental management procedures adopted; (c) efficiency in using energy and resources and opportunities for more efficient usage including minimisation of waste requiring incineration.
A10	The registered operator of this development approval must prepare a report summarising the outcomes of the environmental and energy audits required by condition **A9(iii)** and submit the report with the annual return which follows the conduct of the audits.
A11	The registered operator of this development approval must submit details of any substantial amendment to the Integrated Environmental Management System to the **administering authority** with the annual return which immediately follows the enactment of any such amendment.

Agency interest: Air	
Condition number	**Condition**
B1	**Odour Nuisance** The registered operator of this development approval must prevent the release of odour, which causes or is likely to cause a nuisance at any **odour sensitive place**. Nuisance includes odour that is or is likely to be **noxious** or **offensive** to a person or a nuisance in the opinion of an authorised person.
B2	The registered operator of this development approval must prevent the release of any nuisance causing contaminants, including but not limited to, spray-drift, smoke, aerosols, fumes that are or are likely to be **offensive** to a person or a nuisance in the opinion of an authorised person.
B3	**Release of Contaminants to Air** Notwithstanding the conditions of this development approval the incineration of regulated waste must be managed using all reasonable and practicable measures to minimise the release of contaminants to the atmosphere. Reasonable and practicable measures may include but are not limited to: (ii) minimising the amount of waste requiring incineration; (iii) ignition and burning of waste be conducted in such a manner as to promote efficient and effective combustion of waste.
B4	Before leaving the burning ground measures must be taken so as to ensure that emissions of smoke will not occur while there is no operator in attendance on the premises.
Agency interest: Water	
Condition number	**Condition**
C1	Contaminants must not be directly or indirectly released from the **approved place** to any waters or the bed and banks of any waters except: (i) as permitted under the stormwater management schedule; (ii) to a sewer as permitted or otherwise agreed from time to time by the relevant Local Government.
Agency interest: Stormwater Management	
Condition number	**Condition**
D1	**Stormwater Management** Except as otherwise provided by the conditions of this development approval, the environmentally relevant activities must be carried out by such practicable means necessary to prevent and/or minimise the release or likelihood of release of contaminated runoff from the **approved place** to any stormwater drain or waters or the bed or banks of any such waters. "Contaminated runoff" for the purposes of this condition means contaminants and/or stormwater and/or stormwater runoff that contains contaminants that may cause environmental harm.

D2	**Maintenance and Cleanup** Any spillage of wastes, contaminants or other materials must be cleaned up as quickly as practicable. Such spillages must not be cleaned up by hosing, sweeping or otherwise releasing such wastes, contaminants or material to any stormwater drainage system, roadside gutter or waters.
D3	**Loading/Unloading** All loading/unloading of regulated wastes must only take place in a hardstand area.
D4	The registered operator of this development approval must ensure that all unloading/loading of regulated waste is supervised at all times so as to: (i) ensure that such unloading and loading is carried out in a proper and efficient manner so as to minimise likelihood of any spillage of such waste; and (ii) take remedial action to prevent any further spillage in the event of any spillage; and (iii) take action to contain any spillage within a hardstand area.
D5	The registered operator of this development approval must ensure that a facility or equipment is available for the containment and recovery of any spillage of waste at loading or unloading points.
D6	**Removal of Ash and Residues** The registered operator of this development approval must ensure that following the burning of waste carried out in accordance with condition G12 ash (including residues and any partially burnt material) is removed from the burning ground within a reasonable time in order to prevent and/or minimise the contamination of incident stormwater.

Agency interest: Land	
Condition number	**Condition**
E1	The registered operator of this development approval must take all reasonable and practicable measures to prevent the release or likelihood of release of contaminants to land except as authorised by the conditions of this development approval.
E2	**Contaminant Release Area** The defined contaminant release areas are described as transpiration pits as marked on Drawing No. 8147-CW-008 submitted with the application for development approval.
E3	**Release of Contaminants** The only contaminants to be released to the defined contaminant release area are septic tank effluents.
E4	The transpiration beds must be maintained in a proper and efficient manner so as to provide adequate assimilation, percolation, evaporation and transpiration of the wastes.
E5	Septic tank effluents must not be permitted to pool on the surface of the transpiration beds nor be released to any stormwater drain or waters.
E6	The contaminant release area must not be used for grazing, recreational activities or as a traffic thoroughfare.
E7	Public access to any contaminant release area must be denied.
E8	Notices warning the public of the presence of a septic tank effluent disposal area must be prominently displayed and must be maintained in a visible and legible condition.

E9	**HMX Contaminated Waste water** Waste water contaminated with HMX powder must be filtered with a filter that is no more than one (1) micron size.
10	The filters must be operated and maintained in order to effectively remove the HMX powder prior to disposal of the waste water.
Agency interest: Noise	
Condition number	**Condition**
F1	Prevent the emission of noise, which causes or is likely to cause a nuisance at any **noise affected premises**. Nuisance includes noise that is or is likely to be annoying, **intrusive** or **offensive** to a person or a nuisance in the opinion of an authorised person.
F2	Noise is NOT considered to be a nuisance under condition F1 if monitoring shows that noise does NOT exceed the following levels in the time periods specified in Schedule F Tables 1 and 2.

Schedule F - TABLE 1 - NOISE LIMITS (Noise Sensitive Place)

Noise Level dB(A) measured as	Noise measured at a "Noise Sensitive Place"					
	Monday to Saturday			Sundays and public holidays		
	7am - 6pm	6pm -10pm	10pm - 7am	9am - 6pm	6pm -10pm	10pm - 9am
$L_{A\ 10,\ adj,\ 10mins}$	b/g + 5	b/g + 5	b/g + 0	b/g + 5	b/g + 5	b/g + 0
$L_{A\ 1,\ adj,\ 10mins}$	b/g + 10	b/g + 10	b/g + 5	b/g + 10	b/g + 10	b/g + 5

Schedule F - TABLE 2 - NOISE LIMITS (Commercial Place)

Noise Level dB(A) measured as	Noise measured at a "Commercial Place"					
	Monday to Saturday			Sundays and public holidays		
	7am - 6pm	6pm -10pm	10pm - 7am	9am - 6pm	6pm -10pm	10pm - 9am
$L_{A\ 10,\ adj,\ 10mins}$	b/g + 10	b/g + 10	b/g + 5	b/g + 10	b/g + 10	b/g + 5
$L_{A1,\ adj,\ 10mins}$	b/g + 15	b/g + 15	b/g + 10	b/g + 15	b/g + 15	b/g + 10

Agency interest: Waste	
Condition number	**Condition**
G1	Waste must not be released to the environment, stored, transferred or disposed of contrary to any condition of this development approval.
G2	Except as provided for by the conditions of this development approval, the registered operator of this development approval must not: (i) burn waste at or on the **approved place**; nor (ii) allow waste to burn or be burnt at or on the **approved place**; nor (iii) remove waste from the **approved place** and burn or treat such waste elsewhere unless otherwise authorised by the **administering authority.**
G3	The registered operator of this development approval must not cause or permit incompatible wastes to be mixed in the same container.
G4	Procedures must be implemented to ensure that wastes are minimised, recycled, stored, handled and transferred in a proper and efficient manner and that any disposal of waste (excepting any release of waste provided for by a condition of this development approval) is to a facility that can lawfully accept such waste.
G5	**Off Site Movement** Where regulated waste is removed from the **approved place** (other than by a release as permitted under another schedule of this development approval), the registered operator of this development approval must monitor and keep records of the following: (i) the date, quantity and type of waste removed; and (ii) name of the waste transporter and/or disposal operator that removed the waste; and (iii) 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 condition).
G6	Each container of regulated waste stored awaiting movement off-site must be marked to identify the waste contained therein.
G7	The registered operator of this development approval must ensure that only a transporter possessing a current development approval granted by the **administering authority** or by a transporter that has made a valid application to the **administering authority** for the transport of regulated waste shall be used for the removal of the regulated waste from the facility.
G8	**Treatment of sewage** Septic tanks must be desludged as often as is necessary to prevent: (i) any overloading of the septic tanks; and (ii) any carryover of solid materials to the transpiration beds likely to cause surface pooling.
G9	Manholes and/or inspection covers and/or inspection doors which can be easily removed and replaced and/or inspection doors which allow easy access must be provided for inspection, cleaning and desludging of the septic tanks.
G10	**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 **approved place** and disposed of the regulated waste in a manner which is not authorised by this development approval or which 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.
G11	**Incineration of Regulated Waste** The only materials permitted to be disposed of in the incinerator are live explosives in the form of - (i) explosive powder/s contained by sawdust and/or rags and air conditioning and waste water treatment filters contaminated with explosive powder/s generated; and empty spool flanges that have held plastic signal tubing. No packaging, including cardboard boxes, paper, furniture or inert plastic is to be burnt except cardboard boxes and cardboard containers (with plywood base and lid) that cannot be recycled due to being contaminated with explosive powder.
G12	In addition to condition (G11) the only regulated waste permitted to be burnt is waste generated at the **approved place**, provided that: (i) all reasonable and practicable steps are taken, including waste minimisation methods, to ensure that as much as possible plastic materials are excluded from the waste to be burnt; and (ii) all reasonable and practicable steps are taken during the manufacturing and assembling process to minimise the amount of waste which is contaminated by HMX explosive powder and which requires disposal by burning.
G13	**Storage of Regulated Waste - Prior to Incineration** Waste permitted to be burnt in accordance with the conditions of this development approval must be stored in a building that has an impermeable hard surface and is covered on all sides and roofed.
G14	**Incineration Facility - Operation** Supervision of the incinerator must be maintained at regular intervals for the duration of the burn period at a safe distance from the burning ground.
G15	**Removal of Ash** The incinerator must be free of ash and any partially burnt material prior to the commencement of incineration.
G16	The registered operator of this development approval must allow a 12 hour period following completion of burn to allow ash to cool down before removing ash.
G17	**Ash Handling** Ash must be: (ii) stored in an enclosed and completely sealed container; (iii) within a roofed and wind sheltered area provided with impervious concrete base and bund sufficient to contain any spillage from the storage and transfer of such waste; and (iv) transported, for supervised burial, to a landfill site that can lawfully accept such waste.
G18	**Security of Incinerator**

	When burning of waste is not taking place, the unsupervised incinerator must be locked behind a high chain mesh security fence that is at least 2 metres in height.
G19	**Fire Risk Management** The registered operator of this development approval must ensure that: (a) a safe distance is maintained in the form of a fire break between surrounding area and the burning ground; (b) ensure that proper and appropriate means of extinguishing fire, such as a water supply and mobile pump are installed and maintained near the burning ground.
G20	**Waste Management Plan** From the date this development approval takes effect the registered operator of this development approval, must develop and implement a Waste Management Plan which details how the registered operator of this development approval will effectively and appropriately manage on an ongoing basis waste generated on site and caused by the carrying out of the environmentally relevant activity of incineration.
G21	The Waste Management Plan must address at least the following: (i) the source, quantity and nature of each waste type produced, and (ii) the current method/s of disposal, and (iii) the current and proposed methods of pre-treatment or disposal or recycling, including: (a) destination and quantity of waste recycled and disposed off-site (b) destination and quantity of waste treated on-site i.e. waste burnt, including waste ash produced as a result of on-site burning of HMX contaminated waste; and (c) results of risk assessment and proposed use of other methods of decontamination of waste that is potentially contaminated with HMX powder or other explosive powders, for example, washing down of general waste prior to landfilling; (d) assessment and proposed use of other methods of removing or painting over Class 1 Dangerous Goods labelling to negate the need for cardboard boxes to be burnt on-site, and (iv) expected reduction in quantity of waste produced through waste minimisation and cleaner production, and (v) storage and handling of raw waste or processed materials, and (vi) areas to be set aside for segregation and storage of recyclable solid waste and waste to be disposed Off Site.
Agency interest: Self-monitoring and Reporting	
Condition number	**Condition**
H1	**Complaint Recording** All complaints received by the registered operator of this development approval relating to releases of contaminants from operations at the **approved place** must be recorded and kept with the following details: (i) time, date and nature of complaint; (ii) type of communication (telephone, letter, personal etc.); (iii) name, contact address and contact telephone number of complainant (Note: if the complainant does not wish to be identified then “not identified” is to be recorded);

	(iv) response and investigation undertaken as a result of the complaint; (v) name of person responsible for investigating complaint; and (vi) action taken as a result of the complaint investigation and signature of responsible person.
H2	**Incident Recording** A record must be maintained of events including but not limited to: (i) the time, date and duration of equipment malfunctions, that may affect the environmental performance of the **approved place**; and (ii) any shut-downs of equipment upon which the environmental performance of the **approved place** depends.
H3	**Notification of Emergencies and Incidents** As soon as practicable after becoming aware of any emergency or incident which results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with the conditions of this development approval, the registered operator of this development approval must notify the **administering authority** of the release by telephone or facsimile, or email.
H4	The notification of emergencies or incidents as required by condition H3 must include but not be limited to the following: (i) the registered operator of the development approval; (ii) the location of the emergency or incident; (iii) the number of the development approval; (iv) the name and telephone number of the designated contact person; (v) the time of the release; (vi) the time the registered operator of the development approval became aware of the release; (vii) the suspected cause of the release; (viii) the environmental harm caused, threatened, or suspected to be caused by the release; and (ix) actions taken to prevent further any release and mitigate any environmental harm caused by the release.
H5	Not more than fourteen (14) days following the initial notification of an emergency or incident, the registered operator of the development approval must provide written advice of the information supplied in accordance with condition H4 in addition to: (i) proposed actions to prevent a recurrence of the emergency or incident; and (ii) outcomes of actions taken at the time to prevent or minimise environmental harm.
H6	As soon as practicable, but not more than six weeks following the conduct of any environmental monitoring performed in relation to the emergency or incident, which results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with the conditions of this development approval, the registered operator of the development approval must provide written advice of the results of any such monitoring performed to the **administering authority.**
H7	**Noise Monitoring** For the purposes of investigating any complaint made about unreasonable **intrusive** noise and also for checking compliance with condition F1 of the noise schedule, monitoring and recording the noise levels from the environmentally relevant activities must be undertaken for at least the following descriptors, characteristics and conditions:

	(i) $L_{Amax,\ adj\ T}$; (ii) $L_{Abg,\ T}$ (or $L_{A90,\ T}$); (iii) $L_{AN,\ T}$ (where N equals statistical levels of 1, 10, 50, 90 and 99); (iv) Max $L_{pA\ T}$; (v) $L_{Aeq,\ T,}$ (vi) The level and frequency of occurrence of impulsive or tonal noise; (vii) Atmospheric conditions including temperature, relative humidity and wind speed and direction; and (viii) Effects due to extraneous factors such as traffic noise
H8	In addition to monitoring at the frequency prescribed in condition H7, monitoring must also be undertaken to investigate any complaint of unreasonable **intrusive** noise upon receipt of a written request from the **administering authority** to carry out such monitoring.
H9	The method of measurement and reporting of noise levels must comply with the *Department of Environment and Heritage Noise Measurement Manual, fourth edition, August 2013*, or more recent additions or supplements to that document as become available.
H10	The measurement and reporting of noise levels must be undertaken by a person or body possessing appropriate experience and qualifications to perform the required measurements.
H11	In conjunction with the measurement and recording of the noise, the following parameters and conditions must be recorded; (i) location, date and time of recording
H12	Monitoring must also be undertaken to investigate any complaint of unreasonable **intrusive** noise upon receipt of a written request from the **administering authority** to carry out such monitoring.

Definitions

Key terms and/or phrases used in this document are defined in this section and **bolded** throughout this document. Applicants should 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.

(I1) **"administering authority"** means the Environmental Protection Agency or its successor.

(I2) **"approved place"** means the place to which this development approval relates.

(I3) **"noxious"** means harmful or injurious to health or physical wellbeing.

(I4) **"offensive"** means causing offence or displeasure; is disagreeable to the sense; disgusting, nauseous or repulsive.

(I5) **"odour sensitive place"** means -

- a dwelling, mobile home or caravan park, residential marina or other residential place;
- a motel, hotel or hostel;
- a kindergarten, school, university or other educational institution;
- a medical centre or hospital;
- a protected area;
- a park or gardens; or
- a place used as an office or for business or commercial purposes.
- and includes the curtilage of any such place.

(I6) **"dwelling"** means any of the following structures or vehicles that is principally used as a residence-

- a house, unit, motel, 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.

Noise Definitions

(I7) **"$L_{A\ 10,\ adj,\ 10\ mins}$"** means the A-weighted sound pressure level, *(adjusted for tonal character and impulsiveness of the sound)* exceeded for ninety percent (90%) of any 10 minute measurement period, using Fast response.

(I8) **"$L_{A\ 1,\ adj,\ 10\ mins}$"** means the A-weighted sound pressure level, *(adjusted for tonal character and impulsiveness of the sound)* exceeded for one percent (1%) of any 10 minute measurement period, using Fast response

(I9) **"noise sensitive place"** means -

- a dwelling, mobile home or caravan park, residential marina or other residential premises; or
- a motel, hotel or hostel; or
- a kindergarten, school, university or other educational institution; or
- a medical centre or hospital; or
- a protected area; or
- a park or gardens.

(I10) **"commercial place"** means a place used as an office or for business or commercial purposes.

(H11) **"noise affected premises"** means a "noise sensitive place" or a "commercial place"

(I12) **"intrusive"** noise - means noise that, because of its frequency, duration, level, tonal characteristics, impulsiveness or vibration -

- is clearly audible to, or can be felt by, an individual; and
- annoys the individual.

In determining whether a noise annoys an individual and is unreasonably intrusive, regard must be given to *Australian Standard 1055.2 - 2018 Acoustics - Description and Measurement of Environmental Noise Part 8 – Investigation of specific Environmental Noise Situations*

END OF PERMIT