

Permit

Environmental Protection Act 1994

Environmental authority EPPR03735216

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

Environmental authority number: EPPR03735216

Environmental authority takes effect on Friday 8 September 2017

Environmental authority holder(s)

Name(s)	Registered address
MSG Operations Pty Ltd	263 Mooloolah Connection Road, Mooloolah QLD 4553

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
16-(1c) Dredging >100000t but <1000000t yr 16-(3b) Screening >100000t but <1000000t yr	Mooloolah Connection Road MOOLOOLAH QLD 4553 - Lot 2 Plan RP227538
57-(2a) Regulated waste transport 1 to 5 vehicles	Within the shires of Caboolture, Maroochy and Noosa

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

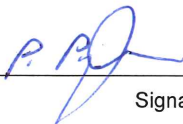
Please note that, in accordance with section 200 of the EP Act, an EA has effect:

- 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- one the day the authority is issued.

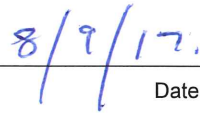
However, if the EA is authorising an activity that requires an additional authorisation (a relevant tenure for a resource activity, a development permit under the *Planning Act 2016* or an SDA Approval under the *State Development and Public Works Organisation Act 1971*), this EA will not take effect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


Signature

Paul Prenzler
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994


Date

Enquiries:
PALM Permit and Licence Management
Email: palm@ehp.qld.gov.au
Phone: 13 QGOV (13 74 68)
Fax: 07 3330 5875
1300 130 372 option 4

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. For example, this may include permits / approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access state controlled roads), the Department of Natural Resources and Mines (to clear vegetation), and the Department of Agriculture and Fisheries (to clear marine plants or to obtain a quarry material allocation).

Obligations under the *Mining and Quarrying Safety and Health Act 1999*

If you are operating a quarry, other than a sand and gravel quarry where there is no crushing capability, you will be required to comply with the *Mining and Quarrying Safety and Health Act 1999*. For more information on your obligations under this legislation contact Mine Safety and Health at www.dnrm.qld.gov.au, or phone 13 QGOV (13 74 68) or your local Mines Inspectorate Office.

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 Heritage Protection to ensure that you have the most current version of the environmental authority relating to this site.

Conditions of environmental authority

The environmentally relevant activity(ies) conducted at the location as described above must be conducted in accordance with the following site specific conditions of approval.

Agency interest: General	
Condition number	Condition
A1	Compliance with Environmental Authority Contaminants must not be released to the environment other than in accordance with this environmental authority.

A2	The holder of this environmental authority must: (a) Install and operate all works and control equipment, and (b) Take all measures, perform all acts and do all things, necessary to ensure compliance with the conditions of this environmental authority.
A3	Display of Environmental Authority A copy of this environmental authority must be kept in a location readily accessible to personnel carrying out the activity.
A4	Records Record, compile and keep all monitoring results required by this document and present this information to the administering authority when requested, in a specified format.
A5-1	Records must be kept for five years, and must include the following information: • date and pickup of waste; • description of waste; • cross reference to relevant waste transport documentation; • quantity of waste • origin of the waste; • destination of the waste; and • Intended fate of the waste, for example, type of waste treatment, reprocessing or disposal. NOTE: Records of documents maintained in compliance with a waste tracking system established under the <i>Environmental Protection Act 1994</i> or any other law for regulated waste will be deemed to satisfy this condition.
A5-2	You must only use vehicles to transport waste that are registered on the electronic database held by the administering authority (the licensed vehicles).
A6	Alterations No change, replacement or operation of any plant or equipment is permitted if the change, alteration or operation of the plant or equipment increases, or is likely to substantially increase, the risk of environmental harm or environmental nuisance.
A7	Calibration All instruments and measurement devices used for the measuring or monitoring of any parameter under any condition of this environmental authority must be calibrated, and appropriately operated and maintained. The calibration, operation and maintenance of such instruments and measurement devices in accordance with a protocol, which has been approved in writing by the administering authority, is deemed to demonstrate compliance with this condition.

A8	Integrated Environmental Management System (IEMS) By six months from the date of issue of this environmental authority the holder of this environmental authority must have an Integrated Environmental Management System (IEMS) which must ensure that procedures and operations conform to the conditions of this licence.
A9	The Integrated Environmental Management System (IEMS) must contain detailed proposals for the management of environmental impacts resulting from the carrying out of the activities under this environmental authority including: • Operating procedures to prevent or minimise environmental harm and environmental nuisance, however occasioned or caused; • Maintenance practices and procedures; • Contingency plans to deal with foreseeable risk and hazards including corrective responses to prevent and mitigate environmental harm (including site rehabilitation); • Emergency procedures; • Communication of procedures, plans, incidents, potential environmental problems and results; • Handling of environmental complaints; • Keeping and production of environmental records and reports; • Monitoring of the release of contaminants into the environment including procedures, methods, record keeping and notification of results; • Assessment of the environmental impact of any releases of contaminants into the environment; and • Staff training and awareness of environmental issues related to the operation of the environmentally relevant activities.
A10	The Integrated Environmental Management System (IEMS) must be implemented by the holder of this environmental authority.
A11	The holder of this environmental authority must inform the administering authority in writing of any amendment to the Integrated Environmental Management System (IEMS) with the Annual Return which immediately follows the enactment of any such amendment.
Agency interest: Air	
Condition number	Condition
B1	Release of Contaminants to the Atmosphere Except as otherwise provided by the conditions of the air schedule of this environmental authority the environmentally relevant activities must be carried out by such practical means necessary to prevent or minimise the release or likelihood of release of contaminants to the atmosphere.

B2	Dust Control All screening of materials shall be undertaken by a wet screening process.
B3	All sealed traffic areas must be cleaned as necessary to minimise the release of dust and particulate matter to the atmosphere.
B4	Dust Minimisation: Traffic Movements Trafficable areas must be sealed with bitumen or an equivalent hard surface, or otherwise maintained to the satisfaction of the administering authority, in a condition which minimises the release of windblown or traffic generated dust.
B5	Permanent haul roads surface with bitumen or an equivalent hard surface must be maintained in a manner which allows for effective cleaning.
B6	Loss of Material During Transit The tailgates of all trucks leaving the premises must be securely fixed prior to loading and immediately after unloading to prevent loss of materials.
B7	Trucks transporting material to the premises must be covered immediately after loading to prevent wind-blown releases and spillage. The covering must be maintained until immediately before unloading the trucks.
B8	All vehicles leaving the premises must be free from loose materials picked up or attached to the vehicle. This excludes the load contained in the vehicle.
B9	Noxious or Offensive Odour Notwithstanding any other condition of this environmental authority no release of contaminants from the licensed place is to cause a noxious or offensive odour beyond the boundaries of the licensed place.
B10	Nuisance Notwithstanding any other condition of this environmental authority, this environmental authority does not authorise any release of contaminants which causes or is likely to cause an environmental nuisance beyond the boundaries of the licensed place.
Agency interest: Water	
Condition number	Condition
C1	Release of Contaminants to Waters Except as otherwise provided by the conditions of the water schedule of this environmental authority the environmentally relevant activities must be carried out by such practical means necessary to prevent or minimise the release or likelihood of release of contaminants to waters.

C2	Contaminants must not be directly or indirectly released from the licensed place to any waters or the bed and banks of any waters except as permitted under the water schedule or the stormwater management schedule or to a sewer as permitted or otherwise agreed from time to time by the relevant Local Government.
C3	Monitoring Monitoring must be undertaken and records kept of contaminant releases to waters from the discharge location for the parameters and not less frequently than specified in Table 1. All determinations of the quality of contaminants released must be: • Made in accordance with methods prescribed in the latest edition of the Department of Environment and Heritage Protection Water Quality Sampling Manual; and • Carried out on samples that are representative of the discharge.

Table 1 – Release Limits

Monitoring point ①	Quality characteristics	Release Limits		Monitoring frequency
		Minimum	Maximum	
MP1, MP2, MP3	pH	6.5	8.5	Daily when discharging
MP1, MP2, MP3	Turbidity (NTU) ②	-	Must not exceed 2 NTU above a background value where the background value is less than 20 NTU or 10 percent greater than a background value where the background value is greater than 20 NTU	Daily when discharging
MP1, MP2, MP3	Suspended solids (mg/L) ②	-	Must not exceed 10mg/L above a background value where the background value is less than 100mg/L or 10 percent greater than a background value where the background value is greater than 100mg/L	Once prior to discharge event and as needed to comply with the stated limits
MP1, MP2, MP3	Dissolved oxygen (mg/L)	6	-	Daily if discharging to waters
MP1, MP2, MP3	Oil, grease, floating scum or litter, discolouration	-	None visible	Daily when discharging (Visual Check)
MP1, MP2, MP3	Aluminium	-	-	Three monthly
MP1, MP2, MP3	Iron	-	-	Three monthly
MP1, MP2, MP3	Electrical conductivity	-	-	Three monthly
MP1, MP2, MP3	Sulfate and Chloride Concentration	-	-	Three monthly

① - MP1 being a background monitoring point within the Mooloolah River, located at the site entrance bridge, upstream of the discharge point. MP2 being within the dredge pond approximately 50 metres from the operating dredge. MP3 being the discharge point from the licensed site into the Mooloolah River.

② - A "background value for a quality characteristic is the value of the quality characteristic measured at MP1.

C4	Contaminants must not be directly or indirectly released from any source on the licensed place to any waters at any location other than the contaminants and sources at the location shown below: Release Point MP3 – Water from dredge ponds released into the Mooloolah River.
C5	The release of contaminants to waters must comply with the following qualitative characteristics: (a) The release must not have any properties nor contain any organisms or other contaminants which are capable of causing environmental harm or an environmental nuisance. (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.
Agency interest: Stormwater management	
Condition number	Condition
D1	Contaminant Release Caused by Rainfall Except as otherwise provided by the conditions of the stormwater management schedule and the water schedule of this environmental authority, the environmentally relevant activities must be carried out by such practicable means necessary to prevent or minimise the contact of incident rainfall and stormwater runoff with wastes or other contaminants, and prevent or minimise the release or likelihood or releases of any such contaminated runoff from the licensed place.
D2	All stormwater falling on and around the extractive site, washing, screening and dewatering plants, workshop and stockpile areas must be directed into the dredge or sedimentation ponds.
D3	Bunding All chemical tank storages must be bunded so that the capacity of the bund is sufficient to contain at least 100% of the largest storage plus 10% of the second largest tank within the bund.
D4	All chemical drum storages must be bunded so that the capacity of the bund is sufficient to contain at least 25% of the maximum design storage volume within the bund.
D5	All tanker loading/unloading areas must drain towards a collection area in the event that a spill occurs. The capacity of the collection area shall be sufficient to contain 100% of the largest compartment of any tanker using the area.
D6	All bunding must be constructed of materials which are impervious to the materials stored.
D7	All bunding must be roofed where practicable.
D8	Where it is impractical to completely roof a bunded area the holder of this environmental authority must ensure that ant stormwater captured within the bund is free from contaminants or wastes prior to any release.

D9	A collection sump must be provided in the floor of the bunding to facilitate the removal of liquids. The bund floor must be graded so that the fall is towards the collection sump.
D10	All required pipework from the bunded areas must be directed over the bund wall and not through it.
D11	Where vehicle access to a bunded area is required, the access must be by way of a rollover bund.
D12	All empty drums must be stored on a concrete hardstand area with their closures in place.
D13	Oil and Grease Conditions A system must be provided for the collection of waste oil from the servicing or equipment which must provide for the collection and disposal of all wastes to the bunded waste oil storage area.
D14	Drains and bunds must be provided to ensure surface stormwater runoff is excluded from the servicing area.
D15	A plan detailing a system for the washing/degreasing of vehicles/plant/equipment such that washdown material is collected, separated and disposed of to prevent contamination of the environment, including the land, water courses and ponds contained within the site, shall be completed within six (6) months of the issue of this license and be implemented by the holder of this environmental authority.
D16	Pond Conditions All practical measures must be taken to prevent short-circuiting in the sedimentation pond(s) system.
D17	Diversion drains, appropriate grades or equivalent must be installed to ensure surface waters from disturbed areas, including operational or trafficable areas, are diverted to the sedimentation control system.
D18	All runoff from the stockpile(s) and the areas utilised for the operation of the stockpile(s) must be directed to the sedimentation pond(s).
D19	Drainage through and from all trafficable areas and production activities must be designed to minimise surface flow velocities.
D20	There must be no discharge from any sediment retention pond except in accordance with the requirements of the water schedule.
D21	There must be no disturbance to, filling or obstruction of any part of a watercourse channel.

Agency interest: Land application	
Condition number	Condition
E1	Release of Contaminants to Land Except as otherwise provided by the conditions of the land application schedule of this environmental authority the environmentally relevant activities must be carried out by such practical means necessary to prevent or minimise the release or likelihood of release of contaminants to land.
E2-1	Transport Vehicles The regulated waste being transported must be compatible with the container.
E2-2	You must not cause or permit incompatible wastes to be mixed in the same container.
E2-3	Any vehicle registered with the administering authority may be replaced with another vehicle provided it is of similar type and no less fit for the transportation of the regulated waste.
E2-4	You must provide details of changes to the "licensed vehicle" fleet to the administering authority prior to the use of the vehicles for the transport of any regulated waste. The information must be provided in the "Details of regulated waste vehicles" form.
E2-5	Regulated waste is not permitted to be released from any vehicle or any container transported by that vehicle other than at a proper and appropriate place that can lawfully accept such waste.
E2-6	Any loss or spillage of regulated waste must be cleaned up forthwith.
E2-7	Regulated waste must be handled and transferred in a proper and efficient manner to prevent any leakage or spillage of waste.
E2-8	All vehicles (including load areas), containers and secondary containers used to transport regulated waste must be: • Maintained in a proper and efficient condition at all times to prevent spillage or leakage of waste; • Be kept clean at all times whilst regulated waste is not being transported; and • In the case of containers and secondary containers, mounted securely in a proper and efficient manner.
E3-1	Type of regulated waste to be carried The only regulated waste to be transported under this authority are: • Concrete batching plant washdown slurries; and • Mill mud.

E4-1	You must hold and keep a current liability insurance policy with a third party property clause to cover costs of clean up or removal incurred by or on behalf of the administering authority as a result of fire, explosion, leakage or spillage of regulated waste as a result of any vehicle transporting regulated waste in the state of Queensland.
Agency interest: Noise	
Condition number	Condition
F1	Emission of Noise Except as otherwise provided by the conditions of the noise schedule of this environmental authority the environmentally relevant activities must be carried out by such practical means necessary to prevent or minimise the emission or likelihood of emission of noise.

F2

The emission of noise from the licensed place must not result in levels greater than those specified in **Table 2 – Noise Limits**.

Table 2 – Noise Limits

Noise limits on affected premises $L_{Amax\ adj, T}$ dB(A)		
Period	Residential premises	Non-residential premises
Monday to Friday 7am – 6pm Saturday 7am – 12 noon	$L_{A_{bg,T}} + 5$	$L_{A_{bg,T}} + 10$
Monday to Saturday 6am – 7am Monday to Friday 6pm – 10pm Saturday 12 noon – 6pm	$L_{A_{bg,T}} + 5$	$L_{A_{bg,T}} + 10$
All other times and public holidays	$L_{A_{bg,T}}$	$L_{A_{bg,T}} + 5$

The value of background noise level to be used in conjunction with the noise limits in Table 2 above is to be obtained from **Table 3 – Background Noise Levels** below using the following methodology:

- (i) If the measured background noise level is above the upper limit of the appropriate range, the upper limit of the appropriate range must be used.
- (ii) If the measured background noise level is below the lower limit of the appropriate range, the lower limit of the appropriate range must be used.
- (iii) If the measured background noise level is within the appropriate range, then the measured value must be used.

Table 3 – Background Noise Levels

Time Period	Range of Background Noise Levels dB(A)
Monday to Friday 7am – 6pm Saturday 7am – 12 noon	40 – 50
Monday to Saturday 6am – 7am Monday to Friday 6pm – 10pm Saturday 12 noon – 6pm	35 – 45
All other times and public holidays	30 – 40

Agency interest: Waste Management	
Condition number	Condition
G1	General Waste must not be released to the environment, stored, transferred or disposed contrary to any condition of this environmental authority.
G2	Waste must not be burnt or allowed to burn at the licensed place or removed and burnt elsewhere unless specifically permitted by an environmental authority.
G3	Records of trade waste agreements must be made available for inspection on request.
G4	An area must be set aside for the segregation and storage of recyclable solid wastes
G5	Where a no-cost recycling service is available, recyclable waste must not be deposited in the general waste stream.
G6	Waste Storage and Handling Conditions All loading/unloading of bulk materials must take place only within designated vehicle loading/unloading areas.
G7	All waste oil will be stored in tanks or drums that will be bunded according to the Australian Standards (AS 1940 – 1993) for the Storage and Handling of Flammable and Combustible Liquids, or any updated versions.
G8	The base and walls of all bunded areas must be maintained free from gaps and cracks
G9	Raw feed Wastes and Overburden All raw feed wastes and overburden shall be used for site rehabilitation when those materials are not sold for fill or other similar purposes. Stockpiles of excess raw feed and overburden shall not be stockpiled where the excess raw feed and overburden may contaminate stormwater runoff to water courses.
G10	Off Site Movement Where regulated waste is removed from the licensed place (other than by a release as permitted under another schedule of this environmental authority), the holder of this environmental authority must monitor and record 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.
G11	Regulated waste must not be sent for disposal at any facility without the written approval of the person operating that facility.

G12	Records Records must be maintained for a period of 5 years for all wastes mentioned in this schedule.
G13	Notification of Improper Disposal of Regulated Waste If the holder of this environmental authority becomes aware that a person has removed regulated waste from the licensed place and disposed of the regulated waste in a manner which is not authorised by this environmental authority or improper or unlawful, then the holder of this environmental authority must, as soon as practicable, notify the administering authority of all relevant facts, matters and circumstances known concerning the disposal.
G14	Reuse of Concrete Batching Washdown Slurries (CBPWDS) Transportation of concrete batching washdown slurries from Boral Resources (QLD) Pty Ltd concrete batching plants to the Mooloolah dredging operations is permitted, subject to the requirements of the following conditions.
G15	The use of concrete batching washdown slurries originating from concrete batching plants is restricted to the neutralisation of acidic waters in dredging pond systems at the Mooloolah dredging operations.
G16	The volume of concrete batching washdown slurries used must be limited to a volume which minimises the pH of the dredge ponds between 6.5 and 8.5 at the licensed places.
G17	The holder of this environmental authority must keep records of the following: (i) The source of the slurry; and (ii) The time and date of slurry disposal into the dredging pond system; and (iii) The quantity of slurry disposed into the dredging pond system; and (iv) The location where slurry is disposed into the dredging pond system.
G18	All determinations of the quality of contaminants released to waters must be made in accordance with methods described in the "Water Quality Sampling Manual, 3rd Edition, December 1999", published by the Department of Environment and Heritage Protection, or more recent editions or supplements to that document as such become available.
G19	All determinations of the quality of contaminants to surface waters must be performed by a person or body possessing the appropriate experience and qualifications to perform the required measurements.
G20	The holder of this environmental authority must prepare and submit a report with the annual return which contains an assessment of the impact of the release of contaminants upon the receiving environment. The report must address at least the following matters: • Practices and procedures to ensure mixing of all waste streams; and • Practices and measures necessary to minimise the likelihood of environmental harm being caused by the disposal of concrete batching plant washdown slurries into the dredging pond system for acid neutralisation.

G21-1	Complaint response All complaints received must be recorded including investigations undertaken, conclusions formed and actions taken. This information must be made available to the administering authority upon request.
G21-2	In consultation with the administering authority, cooperate with and participate in any community environmental liaison committee established in respect of either the site specifically, of the industrial estate where the site is located.
Agency interest: Self-monitoring and reporting	
Condition number	Condition
H1	Complaint Recording All complaints received by the holder of this environmental authority relating to operations at the licensed place must be recorded in a log book with the following details: (i) Time and date 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	The complaints record required by condition H1 must be maintained for a period of not less than five (5) years).
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 environmental authority, the holder of this environmental authority must notify the administering authority of the release by telephone or facsimile.

H4	The notification of emergencies or incidents as required by condition number H3 must include but not be limited to the following: (i) The holder of the environmental authority; (ii) The location of the emergency or incident; (iii) The number of the environmental authority; (iv) The name and telephone number of the designated contact person; (v) The time of the release; (vi) The time the holder of the environmental authority became aware of the release; (vii) The suspected cause of the release; (viii) The environmental harm and or environmental nuisance caused, threatened, or suspected to be caused by the release; and (ix) Actions taken to prevent further any release and mitigate any environmental harm and or environmental nuisance caused by the release.
H5	Not more than 14 days following the initial notification of an emergency or incident, the holder of the environmental authority must provide written advice of the information supplied in accordance with condition number H4 in addition to: (i) Proposed actions to prevent a recurrence of the emergency or incident; (ii) Outcomes of actions taken at the time to prevent or minimise environmental harm and or environmental nuisance; and (iii) The results of any environmental monitoring performed.
H6	Monitoring The holder of this environmental authority shall be responsible for the maintenance of all structures incorporated to minimise environmental harm. A record shall be kept of inspections and ensure compliance with the condition of the environmental authority as detailed in condition number A2.
H7	Noise Monitoring Noise must be monitored if the licensed environmentally relevant activity generates any complaints that need to be investigated, or if the administering authority requests the holder of this environmental authority to carry out monitoring of noise.
H8	Monitoring of Contaminant Releases to Waters All determinations of the quality of contaminants released to waters must be made in accordance with methods prescribed in the Department of Environment and Heritage Protection Water Quality Sampling Manual, 3rd Edition, December 1999, or more recent additions or supplements to that document as such become available.
H9	All determinations of the quality of contaminants released must be performed by a person or body acceptable to the administering authority.

H10	Records must be kept of the results of all determinations of the quality of contaminants released to waters for a period of at least five (5) years).
H11	Report Submission The holder of this environmental authority must ensure that the results of all monitoring performed in accordance with this environmental authority are submitted with the initial Annual Return. Each subsequent Annual Return must include details of the results of monitoring performed during the 12 months preceding that Annual Return.

Definitions

Key terms and/or phrases used in this document are defined in this section. 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.

In the event of any inconsistency arising between the meaning of any term provided in the Definitions Schedule of this environmental authority and any common usage of that term, the meaning conferred in the Definitions Schedule of this environmental authority prevails.

For the purposes of this environmental authority the following definitions apply:

“Act” means the *Environmental Protection Act 1994*.

“administering authority” means Department of Environment and Heritage Protection.

“land” means land excluding waters and the atmosphere.

$L_{Amax\ adj, T}$ “ means the average maximum A-weighted sound pressure level, adjusted for noise character and measured over a time period of not less than 15 minutes, using Fast response.

“background noise level” means either:

- $L_{A90, T}$ being the A-weighted sound pressure level exceeded for 90 percent of the time period not less than 15 minutes, using Fast response; or
- $L_{A90, T}$ 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.

“MaxLpA T” means the maximum A-weighted sound pressure level measured over a time period of not less than 15 minutes, using Fast response.

“noise sensitive place” means –

- (a) A dwelling, mobile home or caravan park, residential marina or other residential premises; or
- (b) A motel, hotel or hostel; or
- (c) A kindergarten, school, university or other educational institution; or
- (d) A medical centre or hospital; or
- (e) A protected area; or
- (f) A park or gardens.

“overburden” is that soil material removed from the land surface that is considered to be topsoil.

“raw feed waste” is that material which is discarded from the washing and screening process that contains material which is undesirable in the final product resulting from the washing and screening process.

“concrete batching plant washdown slurries” means water, cement, fine sands and silt, and admixtures.

“mill mud” is the filter cake or residue produced from filtering cane juice.

END OF ENVIRONMENTAL AUTHORITY

