

Permit

Environmental Protection Act 1994

Environmental authority EPPR00714713

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

Environmental authority number: EPPR00714713

Environmental authority takes effect on 27 May 2022

Environmental authority holder(s)

Name(s)	Registered address
WILMAR SUGAR PTY LTD	Level 1 5-21 Denham Street TOWNSVILLE QLD 4810

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
ERA 28 - Sugar milling or refining Crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year	Victoria Mill Lot 1 on CWL2936, Lot 10 on RP703670, Lot 102 on SP255384, Lot 11 on CWL2936, Lot 2 on RP738105, Lot 2 on SP221671, Lot 3 on RP703669
ERA 28 - Sugar milling or refining Crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year ERA 15 - Fuel burning Using fuel burning equipment that is capable of burning at least 500kg of fuel in an hour	Plane Creek Mill Lot 1 on CI84, Lot 1 on RP705807, LOT 1 on SP151018, Lot 12 on RP705867, Lot 2 on RP746420, LOT 2 on RP838640, Lot 2 on SP151018, Lot 29 on RP705857, Lot 3 on RP705854, Lot 3 on RP705869, Lot 30 on RP705857, Lot 4 on RP705840, Lot 4 on RP705869, Lot 5 on RP705869, Lot 8 on RP713592
ERA 28 - Sugar milling or refining Crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year	Kalamia Mill Lot 19 on SP112965, Lot 20 on SP112965

ERA 28 - Sugar milling or refining Crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year	Proserpine Sugar Mill Lot 1 on RP737071, Lot 1 on RP706179, Lot 1 on RP706462, Lot 198 on HR1896, Lot 3 on RP706180, Lot 37 on RP702840, Lot 38 on RP702840, Lot 39 on RP702840, Lot 4 on RP726971, Lot 7 on RP706105
ERA 53 - Composting and soil conditioner manufacturing Manufacturing, from organic material or organic waste, 200t or more of compost or soil conditioners in a year	Lascelles Avenue Gunyarra Lot 69 on SP204624
ERA 28 - Sugar milling or refining Crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year	Pioneer Mill Lot 1 on RP704932, Lot 11 on SP134571, Lot 121 on SP106392, Lot 131 on GS865, Lot 2 on RP704933, Lot 2 on RP729667, Lot 22 on SP251240, Lot 6 on SP106376
ERA 28 - Sugar milling or refining Crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year	Macknade Mill Lot 6 on SP242502, Lot 8 on RP715366
ERA 28 - Sugar milling or refining Crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year	Invicta Mill Lot 2 on SP128463, Lot 21 on RP891642, LOT B on RP747111
ERA 28 - Sugar milling or refining Crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year	Inkerman Mill LOT 1 on SB662, LOT 33 on SB166

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:

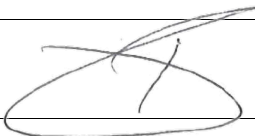
- a) if the authority is for a prescribed ERA and it states that it takes effect on the day nominated by the holder of the authority in a written notice given to the administering authority - on the nominated day; or
- b) if the authority states a day or an event for it to take effect-on the stated day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

The anniversary day of this environmental authority is the same day each year as the original take effect date unless you apply to change the anniversary day. The payment of the annual fee will be due each year on this day.

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

27 May 2022

Date

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

Enquiries:
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Privacy statement

Pursuant to section 540 of the EP Act, the Department is required to maintain a register of certain documents and information authorised under the EP Act. A copy of this document will be kept on the public register. The register is available for inspection by members of the public who are able take extracts, or copies of the documents from the register. Documents that are required to be kept on the register are published in their entirety, unless alteration is required by the EP Act. There is no general discretion allowing the Department to withhold documents or information required to be kept on the public register. For more information on the Department's public register, search 'public register' at www.qld.gov.au. For queries about privacy matters please email privacy@des.qld.gov.au or telephone 13 74 68.

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 Resources (to clear vegetation), and the Department of Agriculture and Fisheries (to clear marine plants or to obtain a quarry material allocation).

Conditions of environmental authority

Part	Location	Environmentally relevant activity
Part 1: (formerly the conditions of IPDE01459609)	Inkerman Mill Russell Drysdale Drive, Home Hill Qld 4806 being lot 1 SB662 and lot 33 SB166.	ERA 28 Sugar milling or refining: crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year.
Part 2: (formerly the conditions of IPDE01459709)	Invicta Mill Mill Street Giru Qld 4809 being lot 2 SP128463, lot 21 RP891642 and Easement B RP747111.	ERA 28 Sugar milling or refining: crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year.
Part 3: (formerly the conditions of IPDE01460109)	Kalamia Mill Beach Road, Ayr Qld 4807 being lot 19 SP112965 and lot 20 SP112965.	ERA 28 Sugar milling or refining: crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year.
Part 4: (formerly the conditions of IPDE01459809)	Macknade Mill Mill Road, Macknade Qld 4850 being lot 8 RP715366 and lot 6 SP242502.	ERA 28 Sugar milling or refining: crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year.
Part 5: (formerly the conditions of IPDE01460209)	Pioneer Mill Drynie Road, Brandon Qld 4808 being lot 2 RP729667, lot 2 RP704933, lot 131 GS865, Lot 22 Plan SP251240, lot 6 SP106376, lot 1 RP704932, lot 11 SP134571 and lot 121 SP106392.	ERA 28 Sugar milling or refining: crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year.
Part 6: (formerly the conditions of IPDE01459909)	Plane Creek Mill Mills Street Sarina, Qld 4737 being lot 1 SP151018, lot 2 SP151018, lot 3 RP705869, lot 1 RP705807, lot 29 RP705857, lot 2 RP838640, lot 3 RP705854, lot 5 RP705869, lot 2 RP746420, lot 1 CI84, lot 4 RP705840, lot 30 RP705857, lot 12 RP705867, lot 4 RP705869 and lot 8 RP713592.	ERA 28 Sugar milling or refining: crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year. ERA 15 Fuel burning: using fuel burning equipment that is capable of burning at least 500kg of fuel in an hour.
Part 7: (formerly the conditions of IPDE01460009)	Victoria Mill Victoria Mill Road, Ingham Qld 4850 being lot 2 SP221671, lot 11	ERA 28 Sugar milling or refining: crushing or grinding 200t or more of sugar cane in a year or

	CWL2936, lot 1 CWL2936, lot 10 RP703670, lot 3 RP703669, lot 2 RP738105 and lot 102 on SP255384.	manufacturing 200t or more of sugar or other sugarcane products in a year.
Part 8a (formerly the conditions of IPDE02130310)	Proserpine Sugar Mill Lot 1 on RP737071, Lot 1 on RP706179, Lot 1 on RP706462, Lot 198 on HR1896, Lot 3 on RP706180, Lot 37 on RP702840, Lot 38 on RP702840, Lot 39 on RP702840, Lot 4 on RP726971, Lot 7 on RP706105	ERA 28 - Sugar milling or refining Crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year
Part 8b (formerly the conditions of IPCE00674507)	Lascelles Avenue Gunyarra Lot 69 on SP204624	ERA 53 - Composting and soil conditioner manufacturing Manufacturing, from organic material or organic waste, 200t or more of compost or soil conditioners in a year

Part 1: Inkerman Mill

Environmentally relevant activity	Location
ERA 28 - Sugar milling or refining: crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year.	Lot 1 SB662 and Lot 33 SB166 Russell Drysdale Drive, Home Hill QLD 4806

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

Schedule: General	
Condition number	Condition
G1	Compliance with environmental authority Contaminants must not be released to the environment other than in accordance with this environmental authority.
G2	The registered operator 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.
G3	Display of environmental authority A copy of this environmental authority must be kept in a location readily accessible to personnel carrying out the activity.
G4	Records Any record required to be kept by a condition of this environmental authority must be kept at the approved place and be available for examination by an authorised person.
G5	Copies of any record required to be kept by a condition of this environmental authority must be provided to any authorised person or the administering authority on request.
G6	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.
G7	Calibration All instruments required under any condition of this environmental authority for the measurement of any parameter must be calibrated, operated and maintained in accordance with the manufacturer's specification or if this is not available with a protocol approved in writing by the Administering Authority.

G8	Integrated Environmental Management System (IEMS) The registered operator of this environmental authority must submit details of any amendment to the approved IEMS to the Administering Authority with the Annual Return which immediately follows the enactment of any such amendment.
G9	Integrated Environmental Management System (IEMS) From commencement of an ERA to which this environmental authority relates, an integrated environmental management plan (IEMS) must be implemented. The IEMS 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 IEMS must also provide for the review and 'continual improvement' in the overall environmental performance of all ERAs that are carried out. The IEMS must address the following matters: i. Accountability and responsibility for environmental management; ii. Standard operating procedures to prevent or minimise reasonably foreseeable environmental harm and environmental nuisance including: a. The operation of steam generating boilers; b. The transportation of Bagasse, Molasses, Mill Mud, Boiler Ash and Sugar; c. Bagasse stockpile management iii. Emergency procedures; iv. Land application of liquid wastes; v. Regulated waste management procedures; vi. Environmental auditing; vii. Periodic review of environmental performance and continual improvement.
G10	The integrated environmental management system must not be implemented or amended in a way that contravenes any condition of this approval.
Schedule: Air	
Condition number	Condition
A1	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 practicable means necessary to prevent or minimise the release or likelihood of release of contaminants to the atmosphere.
A2	The contaminants prescribed in Table 1 must only be released to the atmosphere from those release points specified.
A3	Contaminants released from each release point specified in Table 1 must be directed vertically upwards without any impedance or hindrance.

A4	Contaminants must be released to the atmosphere from a release point at a height not less than the corresponding height stated for that release point in Table 1.
A5	For a single chimney servicing several boilers with different performance parameters, compliance with the release limits outlined in Table 1 shall be deemed to be achieved if no emission test averaged on the contributions being made by each boiler at the time of measurement exceeds the stated emission limits.
A6	Contaminants must not be released to the atmosphere from a release point at a concentration in excess of that stated in Table 1.
A7	Release Limits The licensee shall conform with the release limits set in Table 1 except when steam generation plants or particulate control devices attached thereto are replaced, when a limit of 250mg/Nm ³ shall apply.
A8	Compliance Compliance with the release limits outlined in Table 1 are deemed to be achieved if no test exceeds the limit specified +5%.
A9	Fuel Burning The sulphur content of any fuel burned in industrial fuel burning equipment is not to exceed 3 percent by weight.

TABLE 1 - CHIMNEY HEIGHT AND CONTAMINANT RELEASES

RELEASE POINT	SOURCE	MINIMUM RELEASE HEIGHT (metres)	CONTAMINANT	RELEASE LIMIT	FREQUENCY
Exit of the combined stack for steam boilers #1, #2 and #3.	Boiler #1, #2 & #3	62	Particulates	800 mg/Nm ³	Not less than annually

Schedule: Water	
Condition number	Condition
WA1	Release of Contaminants to Waters Except as otherwise provided by the conditions of the water schedule of this environmental authority, the environmentally relevant activity/activities must be carried out by such practicable means necessary to prevent or minimise the release or likelihood of release of contaminants to waters.
WA2	Contaminants must not be directly or indirectly released from the approved 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 Local Government.
WA3	Release Points Contaminants must not be directly or indirectly released from any source on the approved place to any waters at any location other than the contaminants and sources at the locations listed in Table 2 – Release Points.

TABLE 2 – RELEASE POINTS

RELEASE POINTS	SOURCE	DESCRIPTION
W5	Inkerman Mill	Water sampled from 20ML pond emergency outflow pipe

WA4	20ML Pond emergency release A release from the 20ML pond is permitted to occur only as a result of a significant rainfall event which prevents the irrigation of recycled water to cane lands subject to an irrigation agreement with the registered holder; and which also prevents irrigation of recycled water on the property surrounds of the approved place.
WA5	Quantity of Contaminants Released The total quantity of contaminants released from the release point W5 during any day must not exceed 3,000 cubic metres per day.
WA6	Quality Characteristics of Release to Waters The release of contaminants to waters must comply with each of the limits specified in Table 3 for each quality characteristic.

WA7	Notwithstanding the quality characteristic limits specified in Table 3, 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 nor other contaminants which, in the opinion of the Administering Authority, are capable of causing environmental harm or an environmental nuisance. (b) The release must not produce any slick or other evidence of oil or grease, nor contain visible floating oil, grease or litter.
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TABLE 3 – RELEASE QUALITY CHARACTERISTIC LIMITS

QUALITY CHARACTERISTICS	RELEASE POINT NUMBER	DISCHARGE LIMIT	FREQUENCY
5-day Biochemical Oxygen Demand.	W5	55 mg/L maximum	As soon as practicable after the commencement of the discharge and then every 24 hours while the discharge is occurring
pH (pH Units)		6.5 – 8.5	
Dissolved Oxygen		2 mg/L minimum	
Suspended Solids		85 mg/L maximum	
Oil and grease		20 mg/L maximum	

WA8	Contaminant Releases Caused by Rainfall Except as 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 of release of any such contaminated runoff from the approved place.
WA9	Stormwater Management Plan The registered operator of this environmental authority must implement and maintain a stormwater management plan (SMP) for the approved place. As a minimum, the SMP must provide details on management of the following: (a) prevention of incident stormwater and stormwater runoff from contacting wastes or contaminants, and (b) diversion of upstream runoff away from areas containing wastes or contaminants, and (c) minimisation of the size of contaminated areas, and (d) installation of oil separators, silt and rubbish traps, and stormwater diversion systems, and (e) paving and roofing of contaminated areas.

WA10	The registered operator of this environmental authority must submit details of any amendment to the approved Stormwater Management Plan to the Administering Authority with the Annual Return which immediately follows the enactment of any such amendment.
Schedule: Noise	
Condition number	Condition
N1	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 practicable means necessary to prevent or minimise the emission or likelihood of emission of noise.
N2	Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.
Schedule: Land	
Condition number	Condition
L1	Release of Contaminants to Land Any release of liquid effluent to land must be in accordance with the procedures outlined in the Integrated Environmental Management System.
Schedule: Waste	
Condition number	Condition
W1	General Waste must not be released to the environment, stored, transferred or disposed contrary to any condition of this environmental authority.
W2	Waste must not be burnt or allowed to burn on the approved site or removed and burnt elsewhere unless specifically permitted by an environmental authority.
W3	Records of trade waste agreements must be made available for inspection on request.
W4	Where a no-cost recycling service is locally available, recyclable waste must not be deposited in the general waste stream.
W5	Off Site Movement

	Where regulated waste is removed from the approved place (other than by a release as permitted under another schedule of this environmental authority), the registered operator 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. (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).
W6	Regulated waste must not be sent for disposal at any facility without the written approval of the person operating that facility.
W7	Records Records must be maintained for a period of 5 years for all wastes mentioned in this schedule.
W8	Notification of Improper Disposal of Regulated Waste If the registered operator of this environmental authority becomes aware that a person has removed waste from the approved place and disposed of the 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.
Schedule: Monitoring and Reporting	
Condition number	Condition
M1	Complaint Recording All complaints received by the registered operator of this environmental authority relating to operations at the approved 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.
M2	The complaints record required by condition number M1 must be maintained for a period of not less than 5 years.
M3	Notification of Emergencies and Incidents As soon as practicable after becoming aware of any emergency or incident which results in the release of contaminants at a level causing or likely to cause serious or material environmental

	harm the registered operator of this environmental authority must notify the Administering Authority of the release by telephone, facsimile or email.
M4	The notification of emergencies or incidents as required by condition number M3 must include but not be limited to the following: (i) the registered operator 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; (iv) the time of the release; (v) the time the registered operator of the environmental authority became aware of the release; (vi) the suspected cause of the release; (vii) the environmental harm caused, threatened, or suspected to be caused by the release; and (viii) actions taken to prevent further any release and mitigate any environmental harm and or environmental nuisance caused by the release.
M5	Not more than 14 days following the initial notification of an emergency or incident, the registered operator of the environmental authority must provide written advice of the information supplied in accordance with condition number M4 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 (iii) the results of any environmental monitoring performed.
M6	Monitoring of Contaminant Releases to the Atmosphere The registered operator of this environmental authority must conduct a monitoring program of contaminant releases to the atmosphere at the release points, frequency, and for the parameters specified in Table 1 and which complies with the following: (a) All monitoring must be made by a person or body registered by the National Association of Testing Authorities (NATA) for the required parameters or a body acceptable to the Administering Authority. (b) Monitoring provisions at the release points listed in Table 1 must comply with the: a. Australian Standard AS 4323.1 - 1995 "Stationary source emissions Method 1: Selection of sampling provisions. b. Australian Standards AS 4323.2 – 1995 "Stationary Source emissions methods 2 – Determination of total particulate matter – Isokinetic manual sampling - Gravimetric method. (c) The following tests must be performed for each required sample specified in Table 1: (i) gas velocity and volume flow rate (ii) temperature (iii) water vapour concentration (d) where practicable samples taken must be representative of the contaminants discharged when emissions are expected to be normal.

	(e) during the sampling period the following additional information must be gathered - the percentage load on the boiler when compared against the maximum continuous rating of the boiler.
M7	The registered operator of this environmental authority must endeavour to conduct the monitoring program within 3 months of initial startup each season but in any case must conduct the monitoring program at least once each season.
M8	Records Records must be kept of the results of all monitoring of releases of contaminants to the atmosphere for a period of 5 years.
M9	Monitoring of Contaminant Releases to Waters The registered operator of this environmental authority is responsible for the making of determinations of the quality of the contaminants released for the release points, quality characteristics, and at the frequency specified in Table 3.
M10	All determinations of the quality of contaminants released must be made in accordance with methods prescribed in the latest edition of the Administering Authority's Water Quality Sampling Manual.
M11	All determinations of the quality of contaminants released must be performed by a person or body acceptable to the Administering Authority.
M12	Records must be kept of the results of all determinations of the quality of contaminants released to waters for a period of 5 years.
M13	Monitoring of Volume Release The daily volumetric flow of contaminants released must be determined by a method acceptable to the Administering Authority.
M14	Records must be kept of the results of all determinations of the daily quantity of contaminants released to waters for a period of 5 years.
M15	Noise Monitoring Monitoring must be undertaken to investigate any complaint of noise nuisance upon receipt of a request from the Administering Authority to carry out such monitoring.
M16	The method of measurement and reporting of noise levels must comply with the latest edition of the Administering Authority's Noise Measurement Manual.
M17	The method of measurement and reporting of noise levels must be undertaken by a person or body acceptable to the Administering Authority.
M18	Records must be kept of the results of all monitoring of noise levels and other information required to be recorded in conjunction with such monitoring for a period of 5 years.
M19	Report Submission

	The registered operator of this environmental authority must ensure that a summary of the results of all monitoring performed in accordance with this environmental authority are submitted with the Annual Return. Each submission must include details of the results of monitoring performed during the 12 months preceding that Annual Return.
Schedule: Approved Documents	
Condition number	Condition
D1	The environmentally relevant activity must be constructed, operated and maintained in accordance with all undertakings of the environmental authority application and any other documents approved by the Administering Authority as set out in the Approved Documents Schedule.
D2	In the event of any inconsistency arising between the undertakings of the environmental authority application or other approved documents as set out in the Approved Documents Schedule and the conditions of this environmental authority, the conditions of this environmental authority must apply.
D3	For the purposes of this environmental authority the following stated documents are approved documents: (i) The Integrated Environmental Management System. (ii) Application for environmental authority.

Part 2: Invicta Mill

Environmentally relevant activity	Location
ERA 28 - Sugar milling or refining: crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year	Lot 2 SP128463, Lot 21 RP891642 and Easement B RP747111 Mill Street Giru QLD 4809

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

Schedule: General	
Condition number	Condition
G1	Compliance with environmental authority Contaminants must not be released to the environment other than in accordance with this environmental authority.
G2	The registered operator 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.
G3	Display of environmental authority A copy of this environmental authority must be kept in a location readily accessible to personnel carrying out the activity.
G4	Records Any record required to be kept by a condition of this environmental authority must be kept at the approved place and be available for examination by an authorised person.
G5	Copies of any record required to be kept by a condition of this environmental authority must be provided to any authorised person or the Administering Authority on request.
G6	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.
G7	Calibration All instruments required under any condition of this environmental authority for the measurement of any parameter must be calibrated, operated and maintained in accordance with the manufacturer's specification or if this is not available with a protocol approved in writing by the Administering Authority.

G8	Integrated Environmental Management System (IEMS) The registered operator of this environmental authority must submit details of any amendment to the approved IEMS to the Administering Authority with the Annual Return which immediately follows the enactment of any such amendment.
G9	Integrated Environmental Management System (IEMS) From commencement of an ERA to which this environmental authority relates, an integrated environmental management plan (IEMS) must be implemented. The IEMS 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 IEMS must also provide for the review and 'continual improvement' in the overall environmental performance of all ERAs that are carried out. The IEMS must address the following matters: i. Accountability and responsibility for environmental management ii. Standard operating procedures to prevent or minimise reasonably foreseeable environmental harm and environmental nuisance including a. The operation of steam generating boilers; b. The transportation of Bagasse, Molasses, Mill Mud, Boiler Ash and Sugar; c. Bagasse stockpile management iii. Emergency procedures; iv. Land application of liquid wastes; v. Regulated waste management procedures; vi. Environmental auditing; vii. Periodic review of environmental performance and continual improvement.
G10	The integrated environmental management system must not be implemented or amended in a way that contravenes any condition of this approval.
Schedule: Air	
Condition number	Condition
A1	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 practicable means necessary to prevent or minimise the release or likelihood of release of contaminants to the atmosphere.
A2	The contaminants prescribed in Table 1 must only be released to the atmosphere from those release points specified.
A3	Contaminants released from each release point specified in Table 1 must be directed vertically upwards without any impedance or hindrance.

A4	Contaminants must be released to the atmosphere from a release point at a height not less than the corresponding height stated for that release point in Table 1.
A5	For a single chimney servicing several boilers with different performance parameters compliance with the release limits outlined in Table 1 shall be deemed to be achieved if no emission test averaged on the contributions being made by each boiler at the time of measurement exceeds the stated emission limits.
A6	Contaminants must not be released to the atmosphere from a release point at a concentration in excess of that stated in Table 1.
A7	Release Limits The licensee shall conform with the release limits set in Table 1 except when steam generation plants or particulate control devices attached thereto are replaced, when a limit of 250mg/Nm ³ shall apply.
A8	Compliance Compliance with the release limits outlined in Table 1 are deemed to be achieved if no test exceeds the limit specified +5%.
A9	Fuel Burning The sulphur content of any fuel burned in industrial fuel burning equipment is not to exceed 3 per cent by weight.

TABLE 1 - CHIMNEY HEIGHT AND CONTAMINANT RELEASES

RELEASE POINT	SOURCE	MINIMUM RELEASE HEIGHT (metres)	CONTAMINANT	RELEASE LIMIT	FREQUENCY
Exit of the stack for steam boiler # 1.	Boiler #1	53	Particulates	690 mg/Nm ³	Not less than annually
Exit of the stack for steam boiler # 2.	Boiler #2	64	Particulates	700 mg/Nm ³	Not less than annually
Exit of the stack for steam boiler # 3	Boiler #3	67	Particulates	250 mg/Nm ³	Not less than annually

Schedule: Water	
Condition number	Condition
WA1	Release of Contaminants to Waters Except as otherwise provided by the conditions of the water schedule of this environmental authority, the environmentally relevant activity/activities must be carried out by such practicable means necessary to prevent or minimise the release or likelihood of release of contaminants to waters.
WA2	Contaminants must not be directly or indirectly released from the approved 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 Local Government.
WA3	Contaminant Releases Caused by Rainfall Except as 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 of release of any such contaminated runoff from the approved place.
WA4	Stormwater Management Plan The registered operator of this environmental authority must implement and maintain a stormwater management plan (SMP) for the approved place. As a minimum, the SMP must provide details on management of the following: (a) prevention of incident stormwater and stormwater runoff from contacting wastes or contaminants, and (b) diversion of upstream runoff away from areas containing wastes or contaminants, and (c) minimisation of the size of contaminated areas, and (d) installation of oil separators, silt and rubbish traps, and stormwater diversion systems, and (e) paving and roofing of contaminated areas.
WA5	The registered operator of this environmental authority must submit details of any amendment to the approved Stormwater Management Plan to the Administering Authority with the Annual Return which immediately follows the enactment of any such amendment.
Schedule: Noise	
Condition number	Condition
N1	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 practicable means necessary to prevent or minimise the emission or likelihood of emission of noise.

N2	Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.
Schedule: Land	
Condition number	Condition
L1	Release of Contaminants to Land Any release of liquid effluent to land must be in accordance with the procedures outlined in the Integrated Environmental Management System.
Schedule: Waste	
Condition number	Condition
W1	General Waste must not be released to the environment, stored, transferred or disposed contrary to any condition of this environmental authority.
W2	Waste must not be burnt or allowed to burn on the approved site or removed and burnt elsewhere unless specifically permitted by an environmental authority.
W3	Records of trade waste agreements must be made available for inspection on request.
W4	Where a no-cost recycling service is locally available, recyclable waste must not be deposited in the general waste stream.
W5	Off Site Movement Where regulated waste is removed from the approved 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. (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).
W6	Regulated waste must not be sent for disposal at any facility without the written approval of the person operating that facility.
W7	Records Records must be maintained for a period of 5 years for all wastes mentioned in this schedule.

W8	Notification of Improper Disposal of Regulated Waste If the registered operator of this environmental authority becomes aware that a person has removed waste from the approved place and disposed of the waste in a manner which is not authorised by this environmental authority or improper or unlawful, then the registered operator of this environmental authority must, as soon as practicable, notify the Administering Authority of all relevant facts, matters and circumstances known concerning the disposal.
Schedule: Monitoring and Reporting	
Condition number	Condition
M1	Complaint Recording All complaints received by the registered operator of this environmental authority relating to operations at the approved 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.
M2	The complaints record required by condition number M1 must be maintained for a period of not less than 5 years.
M3	Notification of Emergencies and Incidents As soon as practicable after becoming aware of any emergency or incident which results in the release of contaminants at a level causing or likely to cause serious or material environmental harm the registered operator of this environmental authority must notify the Administering Authority of the release by telephone, facsimile or email.
M4	The notification of emergencies or incidents as required by condition number M3 must include but not be limited to the following: (i) the registered operator 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 registered operator of the environmental authority 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 and or environmental nuisance caused by the release.
M5	Not more than 14 days following the initial notification of an emergency or incident, the registered operator of the environmental authority must provide written advice of the information supplied in accordance with condition number M4 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 (iii) the results of any environmental monitoring performed.
M6	Monitoring of Contaminant Releases to the Atmosphere The registered operator of this environmental authority must conduct a monitoring program of contaminant releases to the atmosphere at the release points, frequency, and for the parameters specified in Table 1 and which complies with the following: (a) All monitoring must be made by a person or body registered by the National Association of Testing Authorities (NATA) for the required parameters or a body acceptable to the Administering Authority. (b) Monitoring provisions at the release points listed in Table 1 must comply with the; a. Australian Standard AS 4323.1 - 1995 "Stationary source emissions Method 1: Selection of sampling provisions. b. Australian Standards AS 4323.2 – 1995 "Stationary Source emissions methods 2 – Determination of total particulate matter – Isokinetic manual sampling - Gravimetric method. (c) The following tests must be performed for each required sample specified in Table 1: (i) gas velocity and volume flow rate (ii) temperature (iii) water vapour concentration (d) where practicable samples taken must be representative of the contaminants discharged when emissions are expected to be normal. (e) during the sampling period the following additional information must be gathered - the percentage load on the boiler when compared against the maximum continuous rating of the boiler.
M7	The registered operator of this environmental authority must endeavour to conduct the monitoring program within 3 months of initial startup each season but in any case must conduct the monitoring program at least once each season.
M8	Records Records must be kept of the results of all monitoring of releases of contaminants to the atmosphere for a period of 5 years.

M9	Monitoring of Contaminant Releases to Waters All determinations of the quality of contaminants released must be made in accordance with methods prescribed in the latest edition of the Administering Authority's Water Quality Sampling Manual.
M10	All determinations of the quality of contaminants released must be performed by a person or body acceptable to the Administering Authority.
M11	Records must be kept of the results of all determinations of the quality of contaminants released to waters for a period of 5 years.
M12	Noise Monitoring Monitoring must be undertaken to investigate any complaint of noise nuisance upon receipt of a request from the Administering Authority to carry out such monitoring.
M13	The method of measurement and reporting of noise levels must comply with the latest edition of the Administering Authority's Noise Measurement Manual.
M14	The method of measurement and reporting of noise levels must be undertaken by a person or body acceptable to the Administering Authority.
M15	Records must be kept of the results of all monitoring of noise levels and other information required to be recorded in conjunction with such monitoring for a period of 5 years.
M16	Report Submission The registered operator of this environmental authority must ensure that a summary of the results of all monitoring performed in accordance with this environmental authority are submitted with the Annual Return. Each submission must include details of the results of monitoring performed during the 12 months preceding that Annual Return.
Schedule: Approved Documents	
Condition number	Condition
D1	The environmentally relevant activity must be constructed, operated and maintained in accordance with all undertakings of the environmental authority application and any other documents approved by the Administering Authority as set out in the Approved Documents Schedule.
D2	In the event of any inconsistency arising between the undertakings of the environmental authority application or other approved documents as set out in the Approved Documents Schedule and the conditions of this environmental authority, the conditions of this environmental authority must apply.

D3	For the purposes of this environmental authority the following stated documents are approved documents: (i) The Integrated Environmental Management System. (ii) Application for environmental authority.
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Part 3: Kalamia Mill

Environmentally relevant activity	Location
ERA 28 - Sugar milling or refining: crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year	Lot 19 SP112965 and Lot 20 SP112965 Beach Road, Ayr QLD 4807

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

Schedule: General	
Condition number	Condition
G1	Compliance with environmental authority Contaminants must not be released to the environment other than in accordance with this environmental authority.
G2	The registered operator 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.
G3	Display of environmental authority A copy of this environmental authority must be kept in a location readily accessible to personnel carrying out the activity.
G4	Records Any record required to be kept by a condition of this environmental authority must be kept at the approved place and be available for examination by an authorised person.
G5	Copies of any record required to be kept by a condition of this environmental authority must be provided to any authorised person or the Administering Authority on request.
G6	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.
G7	Calibration All instruments required under any condition of this environmental authority for the measurement of any parameter must be calibrated, operated and maintained in accordance with the manufacturer's specification or if this is not available with a protocol approved in writing by the Administering Authority.

G8	Integrated Environmental Management System (IEMS) The registered operator of this environmental authority must submit details of any amendment to the approved IEMS to the Administering Authority with the Annual Return which immediately follows the enactment of any such amendment.
G9	Integrated Environmental Management System (IEMS) From commencement of an ERA to which this environmental authority relates, an integrated environmental management plan (IEMS) must be implemented. The IEMS 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 IEMS must also provide for the review and 'continual improvement' in the overall environmental performance of all ERAs that are carried out. The IEMS must address the following matters: i. Accountability and responsibility for environmental management ii. Standard operating procedures to prevent or minimise reasonably foreseeable environmental harm and environmental nuisance including a. The operation of steam generating boilers; b. The transportation of Bagasse, Molasses, Mill Mud, Boiler Ash and Sugar; c. Bagasse stockpile management iii. Emergency procedures; iv. Land application of liquid wastes; v. Regulated waste management procedures; vi. Environmental auditing; vii. Periodic review of environmental performance and continual improvement.
G10	The integrated environmental management system must not be implemented or amended in a way that contravenes any condition of this approval.
Schedule: Air	
Condition number	Condition
A1	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 practicable means necessary to prevent or minimise the release or likelihood of release of contaminants to the atmosphere.
A2	The contaminants prescribed in Table 1 must only be released to the atmosphere from those release points specified.
A3	Contaminants released from each release point specified in Table 1 must be directed vertically upwards without any impedance or hindrance.

A4	Contaminants must be released to the atmosphere from a release point at a height not less than the corresponding height stated for that release point in Table 1.
A5	For a single chimney servicing several boilers with different performance parameters compliance with the release limits outlined in Table 1 shall be deemed to be achieved if no emission test averaged on the contributions being made by each boiler at the time of measurement exceeds the stated emission limits.
A6	Contaminants must not be released to the atmosphere from a release point at a concentration in excess of that stated in Table 1.
A7	Release Limits The licensee shall conform with the release limits set in Table 1 except when steam generation plants or particulate control devices attached thereto are replaced, when a limit of 250mg/Nm ³ shall apply.
A8	Compliance Compliance with the release limits outlined in Table 1 are deemed to be achieved if no test exceeds the limit specified +5%.
A9	Fuel Burning The sulphur content of any fuel burned in industrial fuel burning equipment is not to exceed 3 per cent by weight.

TABLE 1 - CHIMNEY HEIGHT AND CONTAMINANT RELEASES

RELEASE POINT	SOURCE	MINIMUM RELEASE HEIGHT (metres)	CONTAMINANT	RELEASE LIMIT	FREQUENCY
Exit of the stack for steam boiler #1	Boiler #1	72	Particulates	700 mg/Nm ³	Not less than annually
Exit of the stack for steam boilers #5	Boiler #5	59	Particulates	700 mg/Nm ³	Not less than annually
Exit of the combined stack for steam boilers #1 and #5*	Boilers #1 and #5	72	Particulates	700 mg/Nm ³	Not less than annually

*Combined release limits apply after completion of stack works to combine stacks #1 and #5, after which point the individual limits for stacks #1 and #5 will no longer apply

Schedule: Water	
Condition number	Condition
WA1	Release of Contaminants to Waters Except as otherwise provided by the conditions of the water schedule of this environmental authority, the environmentally relevant activity/activities must be carried out by such practicable means necessary to prevent or minimise the release or likelihood of release of contaminants to waters.
WA2	Contaminants must not be directly or indirectly released from the approved 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 Local Government.
WA3	Contaminant Releases Caused by Rainfall Except as 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 of release of any such contaminated runoff from the approved place.
WA4	Stormwater Management Plan The registered operator of this environmental authority must implement and maintain a stormwater management plan (SMP) for the approved place. As a minimum, the SMP must provide details on management of the following: (a) prevention of incident stormwater and stormwater runoff from contacting wastes or contaminants, and (b) diversion of upstream runoff away from areas containing wastes or contaminants, and (c) minimisation of the size of contaminated areas, and (d) installation of oil separators, silt and rubbish traps, and stormwater diversion systems, and (e) paving and roofing of contaminated areas.
WA5	The registered operator of this environmental authority must submit details of any amendment to the approved Stormwater Management Plan to the Administering Authority with the Annual Return which immediately follows the enactment of any such amendment.
Schedule: Noise	
Condition number	Condition
N1	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 practicable means necessary to prevent or minimise the emission or likelihood of emission of noise.

N2	Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.
Schedule: Land	
Condition number	Condition
L1	Release of Contaminants to Land Any release of liquid effluent to land must be in accordance with the procedures outlined in the Integrated Environmental Management System.
Schedule: Waste	
Condition number	Condition
W1	General Waste must not be released to the environment, stored, transferred or disposed contrary to any condition of this environmental authority.
W2	Waste must not be burnt or allowed to burn on the approved site or removed and burnt elsewhere unless specifically permitted by an environmental authority.
W3	Records of trade waste agreements must be made available for inspection on request.
W4	Where a no-cost recycling service is locally available, recyclable waste must not be deposited in the general waste stream.
W5	Off Site Movement Where regulated waste is removed from the approved 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. (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).
W6	Regulated waste must not be sent for disposal at any facility without the written approval of the person operating that facility.
W7	Records Records must be maintained for a period of 5 years for all wastes mentioned in this schedule.

W8	Notification of Improper Disposal of Regulated Waste If the registered operator of this environmental authority becomes aware that a person has removed waste from the approved place and disposed of the waste in a manner which is not authorised by this environmental authority or improper or unlawful, then the registered operator of this environmental authority must, as soon as practicable, notify the Administering Authority of all relevant facts, matters and circumstances known concerning the disposal.
Schedule: Monitoring and Reporting	
Condition number	Condition
M1	Complaint Recording All complaints received by the registered operator of this environmental authority relating to operations at the approved 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.
M2	The complaints record required by condition number M1 must be maintained for a period of not less than 5 years.
M3	Notification of Emergencies and Incidents As soon as practicable after becoming aware of any emergency or incident which results in the release of contaminants at a level causing or likely to cause serious or material environmental harm the registered operator of this environmental authority must notify the Administering Authority of the release by telephone, facsimile or email.
M4	The notification of emergencies or incidents as required by condition number M3 must include but not be limited to the following: (i) The registered operator 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; (iv) the time of the release; (v) the time the registered operator of the environmental authority became aware of the release; (vi) the suspected cause of the release; (vii) the environmental harm caused, threatened, or suspected to be caused by the release; and (viii) actions taken to prevent further any release and mitigate any environmental harm and or environmental nuisance caused by the release.

M5	Not more than 14 days following the initial notification of an emergency or incident, the registered operator of the environmental authority must provide written advice of the information supplied in accordance with condition number M4 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 (iii) the results of any environmental monitoring performed.
M6	Monitoring of Contaminant Releases to the Atmosphere The registered operator of this environmental authority must conduct a monitoring program of contaminant releases to the atmosphere at the release points, frequency, and for the parameters specified in Table 1 and which complies with the following: (a) All monitoring must be made by a person or body registered by the National Association of Testing Authorities (NATA) for the required parameters or a body acceptable to the Administering Authority. (b) Monitoring provisions at the release points listed in Table 1 must comply with the: a. Australian Standard AS 4323.1 - 1995 "Stationary source emissions Method 1: Selection of sampling provisions. b. Australian Standards AS 4323.2 – 1995 "Stationary Source emissions methods 2 – Determination of total particulate matter – Isokinetic manual sampling - Gravimetric method. (c) The following tests must be performed for each required sample specified in Table 1: (i) gas velocity and volume flow rate (ii) temperature (iii) water vapour concentration (d) where practicable samples taken must be representative of the contaminants discharged when emissions are expected to be normal. (e) during the sampling period the following additional information must be gathered - the percentage load on the boiler when compared against the maximum continuous rating of the boiler.
M7	The registered operator of this environmental authority must endeavour to conduct the monitoring program within 3 months of initial startup each season but in any case must conduct the monitoring program at least once each season.
M8	Records Records must be kept of the results of all monitoring of releases of contaminants to the atmosphere for a period of 5 years.
M9	Monitoring of Contaminant Releases to Waters All determinations of the quality of contaminants released must be made in accordance with methods prescribed in the latest edition of the Administering Authority's Water Quality Sampling Manual.
M10	All determinations of the quality of contaminants released must be performed by a person or body acceptable to the Administering Authority.

M11	Records must be kept of the results of all determinations of the quality of contaminants released to waters for a period of 5 years.
M12	Noise Monitoring Monitoring must be undertaken to investigate any complaint of noise nuisance upon receipt of a request from the Administering Authority to carry out such monitoring.
M13	The method of measurement and reporting of noise levels must comply with the latest edition of the Administering Authority's Noise Measurement Manual.
M14	The method of measurement and reporting of noise levels must be undertaken by a person or body acceptable to the Administering Authority.
M15	Records must be kept of the results of all monitoring of noise levels and other information required to be recorded in conjunction with such monitoring for a period of 5 years.
M16	Report Submission The registered operator of this environmental authority must ensure that a summary of the results of all monitoring performed in accordance with this environmental authority are submitted with the Annual Return. Each submission must include details of the results of monitoring performed during the 12 months preceding that Annual Return.
Schedule: Approved Documents	
Condition number	Condition
D1	The environmentally relevant activity must be constructed, operated and maintained in accordance with all undertakings of the environmental authority application and any other documents approved by the Administering Authority as set out in the Approved Documents Schedule.
D2	In the event of any inconsistency arising between the undertakings of the environmental authority application or other approved documents as set out in the Approved Documents Schedule and the conditions of this environmental authority, the conditions of this environmental authority must apply.
D3	For the purposes of this environmental authority the following stated documents are approved documents: (i) The Integrated Environmental Management System. (ii) Application for environmental authority.

Part 4: Macknade Mill

Environmentally relevant activity	Location
ERA 28 - Sugar milling or refining: crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year.	Lot 8 RP715366 and Lot 6 SP242502 Mill Road, Macknade QLD 4850

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

Schedule: General	
Condition number	Condition
G1	Compliance with environmental authority Contaminants must not be released to the environment other than in accordance with this environmental authority.
G2	The registered operator 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.
G3	Display of environmental authority A copy of this environmental authority must be kept in a location readily accessible to personnel carrying out the activity.
G4	Records Any record required to be kept by a condition of this environmental authority must be kept at the approved place and be available for examination by an authorised person.
G5	Copies of any record required to be kept by a condition of this environmental authority must be provided to any authorised person or the Administering Authority on request.
G6	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.
G7	Calibration All instruments required under any condition of this environmental authority for the measurement of any parameter must be calibrated, operated and maintained in accordance with the manufacturer's specification or if this is not available with a protocol approved in writing by the Administering Authority.

G8	Integrated Environmental Management System (IEMS) The registered operator of this environmental authority must submit details of any amendment to the approved IEMS to the Administering Authority with the Annual Return which immediately follows the enactment of any such amendment.
G9	Integrated Environmental Management System (IEMS) From commencement of an ERA to which this environmental authority relates, an integrated environmental management plan (IEMS) must be implemented. The IEMS 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 IEMS must also provide for the review and 'continual improvement' in the overall environmental performance of all ERAs that are carried out. The IEMS must address the following matters: i. Accountability and responsibility for environmental management ii. Standard operating procedures to prevent or minimise reasonably foreseeable environmental harm and environmental nuisance including a. The operation of steam generating boilers; b. The transportation of Bagasse, Molasses, Mill Mud, Boiler Ash and Sugar; c. Bagasse stockpile management iii. Emergency procedures; iv. Land application of liquid wastes; v. Regulated waste management procedures; vi. Environmental auditing; vii. Periodic review of environmental performance and continual improvement.
G10	The integrated environmental management system must not be implemented or amended in a way that contravenes any condition of this approval.
Schedule: Air	
Condition number	Condition
A1	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 practicable means necessary to prevent or minimise the release or likelihood of release of contaminants to the atmosphere.
A2	The contaminants prescribed in Table 1 must only be released to the atmosphere from those release points specified.
A3	Contaminants released from each release point specified in Table 1 must be directed vertically upwards without any impedance or hindrance.

A4	Contaminants must be released to the atmosphere from a release point at a height not less than the corresponding height stated for that release point in Table 1.
A5	For a single chimney servicing several boilers with different performance parameters compliance with the release limits outlined in Table 1 shall be deemed to be achieved if no emission test averaged on the contributions being made by each boiler at the time of measurement exceeds the stated emission limits.
A6	Contaminants must not be released to the atmosphere from a release point at a concentration in excess of that stated in Table 1.
A7	Release Limits The licensee shall conform with the release limits set in Table 1 except when steam generation plants or particulate control devices attached thereto are replaced, when a limit of 250mg/Nm ³ shall apply.
A8	Compliance Compliance with the release limits outlined in Table 1 are deemed to be achieved if no test exceeds the limit specified +5%.
A9	Fuel Burning The sulphur content of any fuel burned in industrial fuel burning equipment is not to exceed 3 per cent by weight.

TABLE 1 - CHIMNEY HEIGHT AND CONTAMINANT RELEASES

RELEASE POINT	SOURCE	MINIMUM RELEASE HEIGHT (metres)	CONTAMINANT	RELEASE LIMIT	FREQUENCY
Exit of the combined steam boilers stack	Steam Boilers #5, #6 & #7	70	Particulates	800 mg/Nm ³	Not less than annually

Schedule: Water	
Condition number	Condition
WA1	Release of Contaminants to Waters Except as otherwise provided by the conditions of the water schedule of this environmental authority, the environmentally relevant activity/activities must be carried out by such practicable means necessary to prevent or minimise the release or likelihood of release of contaminants to waters.
WA2	Contaminants must not be directly or indirectly released from the approved 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 Local Government.
WA3	Release Points Contaminants must not be directly or indirectly released from any source on the approved place to any waters at any location other than the contaminants and sources at the locations listed in Table 2 – Release Points:

TABLE 2 – RELEASE POINTS

RELEASE POINTS	SOURCE	DESCRIPTION
W1	Macknade Mill	Stormwater first flush capture pit overflow to Macknade Creek at AMTD 3.0km
W2	Macknade Mill	Sugar Milling Wastes to Herbert River at AMTD 15.5km

WA4	Quantity of Contaminants Released The total quantity of contaminants released from the release points during any day must not exceed the following: W1 2,500 cubic metres per day W2 3,000 cubic metres per day
WA5	Quality Characteristics of Release to Waters The release of contaminants to waters must comply with each of the limits specified in Table 3 for each quality characteristic.

WA6	Notwithstanding the quality characteristic limits specified in Table 3, 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 nor other contaminants which, in the opinion of the Administering Authority, are capable of causing environmental harm or an environmental nuisance. (b) The release must not produce any slick or other evidence of oil or grease, nor contain visible floating oil, grease or litter.
WA7	Biochemical Oxygen Demand Compliance with Table 3 is deemed to be achieved if no one sample exceeds 58 mg/L and 30% of the samples collected over a period of one year don't exceed 20mg/L.
WA8	Suspended Solids Compliance with Table 3 is deemed to be achieved if no one sample exceeds 88 mg/L and 30% of the samples collected over a period of one year don't exceed 30mg/L.

TABLE 3 – RELEASE QUALITY CHARACTERISTIC LIMITS

QUALITY CHARACTERISTICS	RELEASE POINT NUMBER	DISCHARGE LIMIT	FREQUENCY
5-day Biochemical Oxygen Demand (mg/l)	W1, W2	20 (maximum)	Weekly whenever the mill is crushing otherwise monthly when a discharge is occurring.
Suspended Solids (mg/l)		30 (maximum)	
pH (pH Units)		6.5 – 8.5 (range)	
Dissolved Oxygen (mg/l)		2 (minimum)	

WA9	Contaminant Releases Caused by Rainfall Except as 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 of release of any such contaminated runoff from the approved place.
WA10	Stormwater Management Plan The registered operator of this environmental authority must implement and maintain a stormwater management plan (SMP) for the approved place. As a minimum, the SMP must provide details on management of the following: (a) prevention of incident stormwater and stormwater runoff from contacting wastes or contaminants, and (b) diversion of upstream runoff away from areas containing wastes or contaminants, and

	(c) minimisation of the size of contaminated areas, and (d) installation of oil separators, silt and rubbish traps, and stormwater diversion systems, and (e) paving and roofing of contaminated areas.
WA11	The registered operator of this environmental authority must submit details of any amendment to the approved Stormwater Management Plan to the Administering Authority with the Annual Return which immediately follows the enactment of any such amendment.
Schedule: Noise	
Condition number	Condition
N1	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 practicable means necessary to prevent or minimise the emission or likelihood of emission of noise.
N2	Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.
Schedule: Land	
Condition number	Condition
L1	Release of Contaminants to Land Any release of liquid effluent to land must be in accordance with the procedures outlined in the Integrated Environmental Management System.
Schedule: Waste	
Condition number	Condition
W1	General Waste must not be released to the environment, stored, transferred or disposed contrary to any condition of this environmental authority.
W2	Waste must not be burnt or allowed to burn on the approved site or removed and burnt elsewhere unless specifically permitted by an environmental authority.
W3	Records of trade waste agreements must be made available for inspection on request.
W4	Where a no-cost recycling service is locally available, recyclable waste must not be deposited in the general waste stream.

W5	Off Site Movement Where regulated waste is removed from the approved 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. (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).
W6	Regulated waste must not be sent for disposal at any facility without the written approval of the person operating that facility.
W7	Records Records must be maintained for a period of 5 years for all wastes mentioned in this schedule.
W8	Notification of Improper Disposal of Regulated Waste If the registered operator of this environmental authority becomes aware that a person has removed waste from the approved place and disposed of the waste in a manner which is not authorised by this environmental authority or improper or unlawful, then the registered operator of this environmental authority must, as soon as practicable, notify the Administering Authority of all relevant facts, matters and circumstances known concerning the disposal.
Schedule: Monitoring and Reporting	
Condition number	Condition
M1	Complaint Recording All complaints received by the registered operator of this environmental authority relating to operations at the approved 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.
M2	The complaints record required by condition number M1 must be maintained for a period of not less than 5 years.
M3	Notification of Emergencies and Incidents

	As soon as practicable after becoming aware of any emergency or incident which results in the release of contaminants at a level causing or likely to cause serious or material environmental harm the registered operator of this environmental authority must notify the Administering Authority of the release by telephone, facsimile or email.
M4	The notification of emergencies or incidents as required by condition number M3 must include but not be limited to the following: (i) The registered operator 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 registered operator of the environmental authority 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 and or environmental nuisance caused by the release.
M5	Not more than 14 days following the initial notification of an emergency or incident, the registered operator of the environmental authority must provide written advice of the information supplied in accordance with condition number M4 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 (iii) the results of any environmental monitoring performed.
M6	Monitoring of Contaminant Releases to the Atmosphere The registered operator of this environmental authority must conduct a monitoring program of contaminant releases to the atmosphere at the release points, frequency, and for the parameters specified in Table 1 and which complies with the following: (a) All monitoring must be made by a person or body registered by the National Association of Testing Authorities (NATA) for the required parameters or a body acceptable to the Administering Authority. (b) Monitoring provisions at the release points listed in Table 1 must comply with the: a. Australian Standard AS 4323.1 - 1995 "Stationary source emissions Method 1: Selection of sampling provisions. b. Australian Standards AS 4323.2 – 1995 "Stationary Source emissions methods 2 – Determination of total particulate matter – Isokinetic manual sampling - Gravimetric method. (c) The following tests must be performed for each required sample specified in Table 1: (i) gas velocity and volume flow rate (ii) temperature (iii) water vapour concentration (d) where practicable samples taken must be representative of the contaminants discharged

	when emissions are expected to be normal. (e) during the sampling period the following additional information must be gathered - the percentage load on the boiler when compared against the maximum continuous rating of the boiler.
M7	The registered operator of this environmental authority must endeavour to conduct the monitoring program within 3 months of initial startup each season but in any case must conduct the monitoring program at least once each season.
M8	Records Records must be kept of the results of all monitoring of releases of contaminants to the atmosphere for a period of 5 years.
M9	Monitoring of Contaminant Releases to Waters The registered operator of this environmental authority is responsible for the making of determinations of the quality of the contaminants released for the release points, quality characteristics, and at the frequency specified in Table 3.
M10	All determinations of the quality of contaminants released must be made in accordance with methods prescribed in the latest edition of the Administering Authority's Water Quality Sampling Manual.
M11	All determinations of the quality of contaminants released must be performed by a person or body acceptable to the Administering Authority.
M12	Records must be kept of the results of all determinations of the quality of contaminants released to waters for a period of 5 years.
M13	Monitoring of Volume Release The daily volumetric flow of contaminants released must be determined by a method acceptable to the Administering Authority.
M14	Records must be kept of the results of all determinations of the daily quantity of contaminants released to waters for a period of 5 years.
M15	Noise Monitoring Monitoring must be undertaken to investigate any complaint of noise nuisance upon receipt of a request from the Administering Authority to carry out such monitoring.
M16	The method of measurement and reporting of noise levels must comply with the latest edition of the Administering Authority's Noise Measurement Manual.
M17	The method of measurement and reporting of noise levels must be undertaken by a person or body acceptable to the Administering Authority.
M18	Records must be kept of the results of all monitoring of noise levels and other information required to be recorded in conjunction with such monitoring for a period of 5 years.

M19	Report Submission The registered operator of this environmental authority must ensure that a summary of the results of all monitoring performed in accordance with this environmental authority are submitted with the Annual Return. Each submission must include details of the results of monitoring performed during the 12 months preceding that Annual Return.
Schedule: Approved Documents	
Condition number	Condition
D1	The environmentally relevant activity must be constructed, operated and maintained in accordance with all undertakings of the environmental authority application and any other documents approved by the Administering Authority as set out in the Approved Documents Schedule.
D2	In the event of any inconsistency arising between the undertakings of the environmental authority application or other approved documents as set out in the Approved Documents Schedule and the conditions of this environmental authority, the conditions of this environmental authority must apply.
D3	For the purposes of this environmental authority the following stated documents are approved documents: (i) The Integrated Environmental Management System. (ii) Application for environmental authority.

Part 5: Pioneer Mill

Environmentally relevant activity	Location
ERA 28 - Sugar milling or refining: crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year	Lot 2 RP729667, Lot 2 RP704933, Lot 131 GS865, Lot 22 Plan SP251240, Lot 6 SP106376, Lot 1 RP704932, Lot 11 SP134571 and Lot 121 SP106392 Drynie Road, Brandon QLD 4808

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

Schedule: General	
Condition number	Condition
G1	Compliance with environmental authority Contaminants must not be released to the environment other than in accordance with this environmental authority.
G2	The registered operator 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.
G3	Display of environmental authority A copy of this environmental authority must be kept in a location readily accessible to personnel carrying out the activity.
G4	Records Any record required to be kept by a condition of this environmental authority must be kept at the approved place and be available for examination by an authorised person.
G5	Copies of any record required to be kept by a condition of this environmental authority must be provided to any authorised person or the Administering Authority on request.
G6	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.
G7	Calibration All instruments required under any condition of this environmental authority for the measurement of any parameter must be calibrated, operated and maintained in accordance with the

	manufacturer's specification or if this is not available with a protocol approved in writing by the Administering Authority.
G8	Integrated Environmental Management System (IEMS) The registered operator of this environmental authority must submit details of any amendment to the approved IEMS to the Administering Authority with the Annual Return which immediately follows the enactment of any such amendment.
G9	Integrated Environmental Management System (IEMS) From commencement of an ERA to which this environmental authority relates, an integrated environmental management plan (IEMS) must be implemented. The IEMS 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 IEMS must also provide for the review and 'continual improvement' in the overall environmental performance of all ERAs that are carried out. The IEMS must address the following matters: i. Accountability and responsibility for environmental management ii. Standard operating procedures to prevent or minimise reasonably foreseeable environmental harm and environmental nuisance including a. The operation of steam generating boilers; b. The transportation of Bagasse, Molasses, Mill Mud, Boiler Ash and Sugar; c. Bagasse stockpile management iii. Emergency procedures; iv. Land application of liquid wastes; v. Regulated waste management procedures; vi. Environmental auditing; vii. Periodic review of environmental performance and continual improvement.
G10	The integrated environmental management system must not be implemented or amended in a way that contravenes any condition of this approval.
Schedule: Air	
Condition number	Condition
A1	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 practicable means necessary to prevent or minimise the release or likelihood of release of contaminants to the atmosphere.
A2	The contaminants prescribed in Table 1 must only be released to the atmosphere from those release points specified.

A3	Contaminants released from each release point specified in Table 1 must be directed vertically upwards without any impedance or hindrance.
A4	Contaminants must be released to the atmosphere from a release point at a height not less than the corresponding height stated for that release point in Table 1.
A5	For a single chimney servicing several boilers with different performance parameters compliance with the release limits outlined in Table 1 shall be deemed to be achieved if no emission test averaged on the contributions being made by each boiler at the time of measurement exceeds the stated emission limits.
A6	Contaminants must not be released to the atmosphere from a release point at a concentration in excess of that stated in Table 1.
A7	Release Limits The licensee shall conform with the release limits set in Table 1 except when steam generation plants or particulate control devices attached thereto are replaced, when a limit of 250mg/Nm ³ shall apply.
A8	Compliance Compliance with the release limits outlined in Table 1 are deemed to be achieved if no test exceeds the limit specified +5%.
A9	Fuel Burning The sulphur content of any fuel burned in industrial fuel burning equipment is not to exceed 3 per cent by weight.

TABLE 1 - CHIMNEY HEIGHT AND CONTAMINANT RELEASES

RELEASE POINT	SOURCE	MINIMUM RELEASE HEIGHT (metres)	CONTAMINANT	RELEASE LIMIT	FREQUENCY
Exit of the stack for steam boilers # 2 and # 3	Pioneer Mill - Boiler #2 & #3	60	Particulates	250 mg/Nm ³	Not less than annually

Schedule: Water	
Condition number	Condition
WA1	Release of Contaminants to Waters

	Except as otherwise provided by the conditions of the water schedule of this environmental authority, the environmentally relevant activity/activities must be carried out by such practicable means necessary to prevent or minimise the release or likelihood of release of contaminants to waters.
WA2	Contaminants must not be directly or indirectly released from the approved 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 Local Government.
WA3	Contaminant Releases Caused by Rainfall Except as 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 of release of any such contaminated runoff from the approved place.
WA4	Stormwater Management Plan The registered operator of this environmental authority must implement and maintain a stormwater management plan (SMP) for the approved place. As a minimum, the SMP must provide details on management of the following: (a) prevention of incident stormwater and stormwater runoff from contacting wastes or contaminants, and (b) diversion of upstream runoff away from areas containing wastes or contaminants, and (c) minimisation of the size of contaminated areas, and (d) installation of oil separators, silt and rubbish traps, and stormwater diversion systems, and (e) paving and roofing of contaminated areas.
WA5	The registered operator of this environmental authority must submit details of any amendment to the approved Stormwater Management Plan to the Administering Authority with the Annual Return which immediately follows the enactment of any such amendment.
Schedule: Noise	
Condition number	Condition
N1	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 practicable means necessary to prevent or minimise the emission or likelihood of emission of noise.
N2	Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.

Schedule: Land	
Condition number	Condition
L1	Release of Contaminants to Land Any release of liquid effluent to land must be in accordance with the procedures outlined in the Integrated Environmental Management System.
Schedule: Waste	
Condition number	Condition
W1	General Waste must not be released to the environment, stored, transferred or disposed contrary to any condition of this environmental authority.
W2	Waste must not be burnt or allowed to burn on the approved site or removed and burnt elsewhere unless specifically permitted by an environmental authority.
W3	Records of trade waste agreements must be made available for inspection on request.
W4	Where a no-cost recycling service is locally available, recyclable waste must not be deposited in the general waste stream.
W5	Off Site Movement Where regulated waste is removed from the approved 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. (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).
W6	Regulated waste must not be sent for disposal at any facility without the written approval of the person operating that facility.
W7	Records Records must be maintained for a period of 5 years for all wastes mentioned in this schedule.
W8	Notification of Improper Disposal of Regulated Waste If the registered operator of this environmental authority becomes aware that a person has removed waste from the approved place and disposed of the waste in a manner which is not

	authorised by this environmental authority or improper or unlawful, then the registered operator of this environmental authority must, as soon as practicable, notify the Administering Authority of all relevant facts, matters and circumstances known concerning the disposal.
Schedule: Monitoring and Reporting	
Condition number	Condition
M1	Complaint Recording All complaints received by the registered operator of this environmental authority relating to operations at the approved 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.
M2	The complaints record required by condition number M1 must be maintained for a period of not less than 5 years.
M3	Notification of Emergencies and Incidents As soon as practicable after becoming aware of any emergency or incident which results in the release of contaminants at a level causing or likely to cause serious or material environmental harm the registered operator of this environmental authority must notify the Administering Authority of the release by telephone, facsimile or email.
M4	The notification of emergencies or incidents as required by condition number M3 must include but not be limited to the following: (i) The registered operator 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 registered operator of the environmental authority 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 and or environmental nuisance caused by the release.
M5	Not more than 14 days following the initial notification of an emergency or incident, the registered operator of the environmental authority must provide written advice of the information supplied in accordance with condition number M4 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 (iii) the results of any environmental monitoring performed.

M6	Monitoring of Contaminant Releases to the Atmosphere The registered operator of this environmental authority must conduct a monitoring program of contaminant releases to the atmosphere at the release points, frequency, and for the parameters specified in Table 1 and which complies with the following: (a) All monitoring must be made by a person or body registered by the National Association of Testing Authorities (NATA) for the required parameters or a body acceptable to the Administering Authority. (b) Monitoring provisions at the release points listed in Table 1 must comply with the; a. Australian Standard AS 4323.1 - 1995 "Stationary source emissions Method 1: Selection of sampling provisions. b. Australian Standards AS 4323.2 – 1995 "Stationary Source emissions methods 2 – Determination of total particulate matter – Isokinetic manual sampling - Gravimetric method. (c) The following tests must be performed for each required sample specified in Table 1: (i) gas velocity and volume flow rate (ii) temperature (iii) water vapour concentration (d) where practicable samples taken must be representative of the contaminants discharged when emissions are expected to be normal. (e) during the sampling period the following additional information must be gathered - the percentage load on the boiler when compared against the maximum continuous rating of the boiler.
M7	The registered operator of this environmental authority must endeavour to conduct the monitoring program within 3 months of initial startup each season but in any case must conduct the monitoring program at least once each season.
M8	Records Records must be kept of the results of all monitoring of releases of contaminants to the atmosphere for a period of 5 years.
M9	Monitoring of Contaminant Releases to Waters All determinations of the quality of contaminants released must be made in accordance with methods prescribed in the latest edition of the Administering Authority's Water Quality Sampling Manual.
M10	All determinations of the quality of contaminants released must be performed by a person or body acceptable to the Administering Authority.
M11	Records must be kept of the results of all determinations of the quality of contaminants released to waters for a period of 5 years.
M12	Noise Monitoring Monitoring must be undertaken to investigate any complaint of noise nuisance upon receipt of a request from the Administering Authority to carry out such monitoring.

M13	The method of measurement and reporting of noise levels must comply with the latest edition of the Administering Authority's Noise Measurement Manual.
M14	The method of measurement and reporting of noise levels must be undertaken by a person or body acceptable to the Administering Authority.
M15	Records must be kept of the results of all monitoring of noise levels and other information required to be recorded in conjunction with such monitoring for a period of 5 years.
M16	Report Submission The registered operator of this environmental authority must ensure that a summary of the results of all monitoring performed in accordance with this environmental authority are submitted with the Annual Return. Each submission must include details of the results of monitoring performed during the 12 months preceding that Annual Return.
Schedule: Approved Documents	
Condition number	Condition
D1	The environmentally relevant activity must be constructed, operated and maintained in accordance with all undertakings of the environmental authority application and any other documents approved by the Administering Authority as set out in the Approved Documents Schedule.
D2	In the event of any inconsistency arising between the undertakings of the environmental authority application or other approved documents as set out in the Approved Documents Schedule and the conditions of this environmental authority, the conditions of this environmental authority must apply.
D3	For the purposes of this environmental authority the following stated documents are approved documents: (i) The Integrated Environmental Management System. (ii) Application for environmental authority.

Part 6: Plane Creek Mill

Environmentally relevant activity	Location
ERA 28 - Sugar milling or refining: crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year. ERA 15 Fuel burning: using fuel burning equipment that is capable of burning at least 500kg of fuel in an hour.	Lot 1 SP151018, Lot 2 SP151018, Lot 3 RP705869, Lot 1 RP705807, Lot 29 RP705857, Lot 2 RP838640, Lot 3 RP705854, Lot 5 RP705869, Lot 2 RP746420, Lot 1 CI84, Lot 4 RP705840, Lot 30 RP705857, Lot 12 RP705867, Lot 4 RP705869 and Lot 8 RP713592 Mill Street Sarina, QLD 4737 being

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

Schedule: General	
Condition number	Condition
G1	Compliance with environmental authority Contaminants must not be released to the environment other than in accordance with this environmental authority.
G2	The registered operator 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.
G3	Display of environmental authority A copy of this environmental authority must be kept in a location readily accessible to personnel carrying out the activity.
G4	Records Any record required to be kept by a condition of this environmental authority must be kept at the approved place and be available for examination by an authorised person.
G5	Copies of any record required to be kept by a condition of this environmental authority must be provided to any authorised person or the Administering Authority on request.

G6	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.
G7	Calibration All instruments required under any condition of this environmental authority for the measurement of any parameter must be calibrated, operated and maintained in accordance with the manufacturer's specification or if this is not available with a protocol approved in writing by the Administering Authority.
G8	Integrated Environmental Management System (IEMS) The registered operator of this environmental authority must submit details of any amendment to the approved IEMS to the Administering Authority with the Annual Return which immediately follows the enactment of any such amendment.
G9	Integrated Environmental Management System (IEMS) From commencement of an ERA to which this environmental authority relates, an integrated environmental management plan (IEMS) must be implemented. The IEMS 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 IEMS must also provide for the review and 'continual improvement' in the overall environmental performance of all ERAs that are carried out. The IEMS must address the following matters: i. Accountability and responsibility for environmental management ii. Standard operating procedures to prevent or minimise reasonably foreseeable environmental harm and environmental nuisance including a. The operation of steam generating boilers; b. The transportation of Bagasse, Molasses, Mill Mud, Boiler Ash and Sugar; c. Bagasse stockpile management iii. Emergency procedures; iv. Land application of liquid wastes; v. Regulated waste management procedures; vi. Environmental auditing.
G10	The integrated environmental management system must not be implemented or amended in a way that contravenes any condition of this approval.
Schedule: Air	
Condition number	Condition
A1	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 practicable means necessary to prevent or minimise the release or likelihood of release of contaminants to the atmosphere.
A2	The contaminants prescribed in Table 1 must only be released to the atmosphere from those release points specified.
A3	Contaminants released from each release point specified in Table 1 must be directed vertically upwards without any impedance or hindrance.
A4	Contaminants must be released to the atmosphere from a release point at a height not less than the corresponding height stated for that release point in Table 1.
A5	For a single chimney servicing several boilers with different performance parameters compliance with the release limits outlined in Table 1 shall be deemed to be achieved if no emission test averaged on the contributions being made by each boiler at the time of measurement exceeds the stated emission limits.
A6	Contaminants must not be released to the atmosphere from a release point at a concentration in excess of that stated in Table 1.
A7	Release Limits The licensee shall conform with the release limits set in Table 1 except when steam generation plants or particulate control devices attached thereto are replaced, when a limit of 250mg/Nm³ shall apply.
A8	Compliance Compliance with the release limits outlined in Table 1 are deemed to be achieved if no test exceeds the limit specified +5%.
A9	Fuel Burning The sulphur content of any fuel burned in industrial fuel burning equipment is not to exceed 3 per cent by weight.

TABLE 1 - CHIMNEY HEIGHT AND CONTAMINANT RELEASES

RELEASE POINT	SOURCE	MINIMUM RELEASE HEIGHT (metres)	CONTAMINANT	RELEASE LIMIT	FREQUENCY
Exit of the steam stack for boiler #1	Boiler #1	58	Particulates	700 mg/Nm ³	Not less than annually
Exit of the steam stack for boiler #2	Boiler #2	52	Particulates	800 mg/Nm ³	Not less than annually
Exit of the steam stack for boiler #3.	Boiler #3	67	Particulates	700 mg/Nm ³	Not less than annually

Schedule: Water	
Condition number	Condition
WA1	Release of Contaminants to Waters Except as otherwise provided by the conditions of the water schedule of this environmental authority, the environmentally relevant activity/activities must be carried out by such practicable means necessary to prevent or minimise the release or likelihood of release of contaminants to waters.
WA2	Contaminants must not be directly or indirectly released from the approved 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 Local Government.
WA3	Release Points Contaminants must not be directly or indirectly released from any source on the approved place to any waters at any location other than the contaminants and sources at the locations listed in Table 2 – Release Points:

TABLE 2 – RELEASE POINTS

RELEASE POINTS	SOURCE	DESCRIPTION
W6	Plane Creek Mill	Sugar Milling Wastes to Plane Creek at AMTD 9.0km

WA4	Quantity of Contaminants Released The total quantity of contaminants released from the release point W6 during any day must not exceed 2,000 cubic metres per day.
WA5	Quality Characteristics of Release to Waters The release of contaminants to waters must comply with each of the limits specified in Table 3 for each quality characteristic.
WA6	Notwithstanding the quality characteristic limits specified in Table 3, 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 nor other contaminants which, in the opinion of the Administering Authority, 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 or litter.
WA7	Biochemical Oxygen Demand Compliance with Table 3 is deemed to be achieved if no one sample exceeds 58 mg/L and 30% of the samples collected over a period of one year don't exceed 20mg/L.
WA8	Suspended Solids Compliance with Table 3 is deemed to be achieved if no one sample exceeds 88 mg/L and 30% of the samples collected over a period of one year don't exceed 30mg/L.

TABLE 3 – RELEASE QUALITY CHARACTERISTIC LIMITS

QUALITY CHARACTERISTICS	RELEASE POINT NUMBER	DISCHARGE LIMIT	FREQUENCY
5-day Biochemical Oxygen Demand (mg/l)	W6	20	Weekly whenever the mill is crushing otherwise monthly when a discharge is occurring
Suspended Solids (mg/l)		30	
pH (pH Units)		6.5 - 8.5	
Dissolved Oxygen (mg/l)		2	

WA9	Contaminant Releases Caused by Rainfall Except as 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 of release of any such contaminated runoff from the approved place.
WA10	Stormwater Management Plan The registered operator of this environmental authority must implement and maintain a stormwater management plan (SMP) for the approved place. As a minimum, the SMP must provide details on management of the following: (a) prevention of incident stormwater and stormwater runoff from contacting wastes or contaminants, and (b) diversion of upstream runoff away from areas containing wastes or contaminants, and (c) minimisation of the size of contaminated areas, and (d) installation of oil separators, silt and rubbish traps, and stormwater diversion systems, and (e) paving and roofing of contaminated areas.
WA11	The registered operator of this environmental authority must submit details of any amendment to the approved Stormwater Management Plan to the Administering Authority with the Annual Return which immediately follows the enactment of any such amendment.
Schedule: Noise	
Condition number	Condition
N1	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 practicable means necessary to prevent or minimise the emission or likelihood of emission of noise.
N2	Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.
Schedule: Land	
Condition number	Condition
L1	Release of Contaminants to Land Any release of liquid effluent to land must be in accordance with the procedures outlined in the Integrated Environmental Management System.
Schedule: Waste	
Condition number	Condition
W1	General Waste must not be released to the environment, stored, transferred or disposed contrary to any condition of this environmental authority.
W2	Waste must not be burnt or allowed to burn on the approved site or removed and burnt elsewhere unless specifically permitted by an environmental authority.
W3	Records of trade waste agreements must be made available for inspection on request.
W4	Where a no-cost recycling service is locally available, recyclable waste must not be deposited in the general waste stream.
W5	Off Site Movement Where regulated waste is removed from the approved 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. (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).
W6	Regulated waste must not be sent for disposal at any facility without the written approval of the person operating that facility.

W7	Records Records must be maintained for a period of 5 years for all wastes mentioned in this schedule.
W8	Notification of Improper Disposal of Regulated Waste If the registered operator of this environmental authority becomes aware that a person has removed waste from the approved place and disposed of the waste in a manner which is not authorised by this environmental authority or improper or unlawful, then the registered operator of this environmental authority must, as soon as practicable, notify the Administering Authority of all relevant facts, matters and circumstances known concerning the disposal.
Schedule: Monitoring and Reporting	
Condition number	Condition
M1	Complaint Recording All complaints received by the registered operator of this environmental authority relating to operations at the approved 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.
M2	The complaints record required by condition number M1 must be maintained for a period of not less than 5 years.
M3	Notification of Emergencies and Incidents As soon as practicable after becoming aware of any emergency or incident which results in the release of contaminants at a level causing or likely to cause serious or material environmental harm the registered operator of this environmental authority must notify the Administering Authority of the release by telephone, facsimile or email.
M4	The notification of emergencies or incidents as required by condition number M3 must include but not be limited to the following: (i) The registered operator 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; (iv) the time of the release; (v) the time the registered operator of the environmental authority became aware of the release; (vi) the suspected cause of the release;

	(vii) the environmental harm caused, threatened, or suspected to be caused by the release; and (viii) actions taken to prevent further any release and mitigate any environmental harm and or environmental nuisance caused by the release.
M5	Not more than 14 days following the initial notification of an emergency or incident, the registered operator of the environmental authority must provide written advice of the information supplied in accordance with condition number M4 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 (iii) the results of any environmental monitoring performed.
M6	Monitoring of Contaminant Releases to the Atmosphere The registered operator of this environmental authority must conduct a monitoring program of contaminant releases to the atmosphere at the release points, frequency, and for the parameters specified in Table 1 and which complies with the following: (a) All monitoring must be made by a person or body registered by the National Association of Testing Authorities (NATA) for the required parameters or a body acceptable to the Administering Authority. (b) Monitoring provisions at the release points listed in Table 1 must comply with the: a. Australian Standard AS 4323.1 - 1995 "Stationary source emissions Method 1: Selection of sampling provisions. b. Australian Standards AS 4323.2 – 1995 "Stationary Source emissions methods 2 – Determination of total particulate matter – Isokinetic manual sampling - Gravimetric method. (c) The following tests must be performed for each required sample specified in Table 1: (i) gas velocity and volume flow rate (ii) temperature (iii) water vapour concentration (d) where practicable samples taken must be representative of the contaminants discharged when emissions are expected to be normal. (e) during the sampling period the following additional information must be gathered - the percentage load on the boiler when compared against the maximum continuous rating of the boiler.
M7	The registered operator of this environmental authority must endeavour to conduct the monitoring program within 3 months of initial startup each season but in any case must conduct the monitoring program at least once each season.
M8	Records Records must be kept of the results of all monitoring of releases of contaminants to the atmosphere for a period of 5 years.
M9	Monitoring of Contaminant Releases to Waters

	The registered operator of this environmental authority is responsible for the making of determinations of the quality of the contaminants released for the release points, quality characteristics, and at the frequency specified in Table 3.
M10	All determinations of the quality of contaminants released must be made in accordance with methods prescribed in the latest edition of the Administering Authority's Water Quality Sampling Manual.
M11	All determinations of the quality of contaminants released must be performed by a person or body acceptable to the Administering Authority.
M12	Records must be kept of the results of all determinations of the quality of contaminants released to waters for a period of 5 years.
M13	Monitoring of Volume Release The daily volumetric flow of contaminants released must be determined by a method acceptable to the Administering Authority.
M14	Records must be kept of the results of all determinations of the daily quantity of contaminants released to waters for a period of 5 years.
M15	Noise Monitoring Monitoring must be undertaken to investigate any complaint of noise nuisance upon receipt of a request from the Administering Authority to carry out such monitoring.
M16	The method of measurement and reporting of noise levels must comply with the latest edition of the Administering Authority's Noise Measurement Manual.
M17	The method of measurement and reporting of noise levels must be undertaken by a person or body acceptable to the Administering Authority.
M18	Records must be kept of the results of all monitoring of noise levels and other information required to be recorded in conjunction with such monitoring for a period of 5 years.
M19	Report Submission The registered operator of this environmental authority must ensure that a summary of the results of all monitoring performed in accordance with this environmental authority are submitted with the Annual Return. Each submission must include details of the results of monitoring performed during the 12 months preceding that Annual Return.
Schedule: Approved Documents	
Condition number	Condition
D1	The environmentally relevant activity must be constructed, operated and maintained in accordance with all undertakings of the environmental authority application and any other

	documents approved by the Administering Authority as set out in the Approved Documents Schedule.
D2	In the event of any inconsistency arising between the undertakings of the environmental authority application or other approved documents as set out in the Approved Documents Schedule and the conditions of this environmental authority, the conditions of this environmental authority must apply.
D3	For the purposes of this environmental authority the following stated documents are approved documents: (i) The Integrated Environmental Management System. (ii) Application for environmental authority.

Part 7: Victoria Mill

Environmentally relevant activity	Location
ERA 28 - Sugar milling or refining: crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year	Lot 2 SP221671, Lot 11 CWL2936, Lot 1 CWL2936, Lot 10 RP703670, Lot 3 RP703669, Lot 2 RP738105 and Lot 102 on SP255384 Victoria Mill Road, Ingham QLD 4850

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

Schedule: General	
Condition number	Condition
G1	Compliance with environmental authority Contaminants must not be released to the environment other than in accordance with this environmental authority.
G2	The registered operator 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.
G3	Display of environmental authority A copy of this environmental authority must be kept in a location readily accessible to personnel carrying out the activity.
G4	Records Any record required to be kept by a condition of this environmental authority must be kept at the approved place and be available for examination by an authorised person.
G5	Copies of any record required to be kept by a condition of this environmental authority must be provided to any authorised person or the Administering Authority on request.
G6	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.
G7	Calibration All instruments required under any condition of this environmental authority for the measurement of any parameter must be calibrated, operated and maintained in accordance with the manufacturer's specification or if this is not available with a protocol approved in writing by the Administering Authority.

G8	Integrated Environmental Management System (IEMS) The registered operator of this environmental authority must submit details of any amendment to the approved IEMS to the Administering Authority with the Annual Return which immediately follows the enactment of any such amendment.
G9	Integrated Environmental Management System (IEMS) From commencement of an ERA to which this environmental authority relates, an integrated environmental management plan (IEMS) must be implemented. The IEMS 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 IEMS must also provide for the review and 'continual improvement' in the overall environmental performance of all ERAs that are carried out. The IEMS must address the following matters: i. Accountability and responsibility for environmental management ii. Standard operating procedures to prevent or minimise reasonably foreseeable environmental harm and environmental nuisance including a. The operation of steam generating boilers; b. The transportation of Bagasse, Molasses, Mill Mud, Boiler Ash and Sugar; c. Bagasse stockpile management iii. Emergency procedures; iv. Land application of liquid wastes; v. Regulated waste management procedures; vi. Environmental auditing; vii. Periodic review of environmental performance and continual improvement.
G10	The integrated environmental management system must not be implemented or amended in a way that contravenes any condition of this approval.
Schedule: Air	
Condition number	Condition
A1	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 practicable means necessary to prevent or minimise the release or likelihood of release of contaminants to the atmosphere.
A2	The contaminants prescribed in Table 1 must only be released to the atmosphere from those release points specified.
A3	Contaminants released from each release point specified in Table 1 must be directed vertically upwards without any impedance or hindrance.

A4	Contaminants must be released to the atmosphere from a release point at a height not less than the corresponding height stated for that release point in Table 1.
A5	For a single chimney servicing several boilers with different performance parameters compliance with the release limits outlined in Table 1 shall be deemed to be achieved if no emission test averaged on the contributions being made by each boiler at the time of measurement exceeds the stated emission limits.
A6	Contaminants must not be released to the atmosphere from a release point at a concentration in excess of that stated in Table 1.
A7	Release Limits The licensee shall conform with the release limits set in Table 1 except when steam generation plants or particulate control devices attached thereto are replaced, when a limit of 250mg/Nm ³ shall apply.
A8	Compliance Compliance with the release limits outlined in Table 1 are deemed to be achieved if no test exceeds the limit specified +5%.
A9	Fuel Burning The sulphur content of any fuel burned in industrial fuel burning equipment is not to exceed 3 per cent by weight.

TABLE 1 - CHIMNEY HEIGHT AND CONTAMINANT RELEASES

RELEASE POINT	SOURCE	MINIMUM RELEASE HEIGHT (metres)	CONTAMINANT	RELEASE LIMIT	FREQUENCY
Exit of the combined stack for steam boilers #8 and 9	Boilers #8 & #9	65	Particulates	700 mg/Nm ³	Not less than annually
Exit of the stack for steam boiler #10	Boiler #10	65	Particulates	250 mg/Nm ³	Not less than annually
Exit of the stack for steam boiler #11	Boiler #11	65	Particulates	250 mg/Nm ³	Not less than annually

Schedule: Water	
Condition number	Condition
WA1	Release of Contaminants to Waters Except as otherwise provided by the conditions of the water schedule of this environmental authority the environmentally relevant activity/activities must be carried out by such practicable means necessary to prevent or minimise the release or likelihood of release of contaminants to waters.
WA2	Contaminants must not be directly or indirectly released from the approved 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 Local Government.
WA3	Release Points Contaminants must not be directly or indirectly released from any source on the approved place to any waters at any location other than the contaminants and sources at the locations listed in Table 2 – Release Points:

TABLE 2 – RELEASE POINTS

RELEASE POINTS	SOURCE	DESCRIPTION
W3	Victoria Mill	Cooling Water Wastes to Palm Creek at AMTD 29.1km
W4	Victoria Mill	Sugar Milling Wastes to Lagoon Creek at AMTD 9.7km
W4(b)	Victoria Mill	Location of release point as shown in attachment 1 “Site Plan for Waste Water Treatment System at Victoria Sugar Mill” of Schedule 1.

WA4	Emergency Breakdown Potential out of licence final effluent discharge to Lagoon Creek from the Victoria Sugar Mill's wastewater treatment plant may only occur in the event of an emergency. Such an emergency will be deemed as follows: (i) Flood; (ii) Power outage; and (iii) Duty and standby pump failure at the final effluent collection well which is located at the exit of the secondary clarifier.
WA5	Quantity of Contaminants Released

	The total quantity of contaminants released from the release points during any day must not exceed the following: W3: 2,400 cubic metres per day W4 plus W4(b): 5,000 cubic metres per day
WA6	The combined total for release points W4 and W4(b), when discharge is occurring simultaneously is not to exceed 5,000 cubic meters, or alternatively when the single discharge is occurring from either release point W4 and W4(b), the maximum volumetric discharge is not to exceed 5,000 cubic metres.
WA7	Quality Characteristics of Release to Waters The release of contaminants to waters must comply with each of the limits specified in Table 3 for each quality characteristic.
WA8	Notwithstanding the quality characteristic limits specified in Table 3, 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, in the opinion of the Administering Authority, 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 or litter.
WA9	Biochemical Oxygen Demand For release points W4 and W4(b), compliance with Table 3 is deemed to be achieved if no one sample exceeds 58 mg/L and 30% of the samples collected over a period of one year don't exceed 20mg/L.
WA10	Suspended Solids For release points W4 and W4(b), compliance with Table 3 is deemed to be achieved if no one sample exceeds 88 mg/L and 30% of the samples collected over a period of one year don't exceed 30mg/L.
WA11	For release points W3, compliance with Table 3 is deemed to be achieved if no one sample exceeds 58 mg/L and 30% of the samples collected over a period of one year don't exceed 20mg/L.

TABLE 3 – RELEASE QUALITY CHARACTERISTIC LIMITS

QUALITY CHARACTERISTICS	RELEASE POINT NUMBER	DISCHARGE LIMIT	FREQUENCY
5-day Biochemical Oxygen Demand (mg/l)	W4 & W4(b)	20 (maximum)	Weekly whenever the sugar mill is crushing otherwise monthly whenever discharge is occurring.
Suspended Solids (mg/l)		30 (maximum)	
pH (pH Units)		6.5 – 8.5	
Dissolved Oxygen (mg/l)		2 (minimum)	
Suspended Solids (mg/l)	W3	20 (maximum)	Weekly whenever the sugar mill is crushing otherwise monthly whenever discharge is occurring.
Dissolved Oxygen (mg/l)		2 (minimum)	
pH (pH Units)		The discharged cooling water from the sugar mill shall not alter the ambient water quality level by more than 0.5 of a pH unit.	

WA12	Contaminant Releases Caused by Rainfall Except as 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 of release of any such contaminated runoff from the approved place.
WA13	Stormwater Management Plan The registered operator of this environmental authority must implement and maintain a stormwater management plan (SMP) for the approved place. As a minimum, the SMP must provide details on management of the following: (a) prevention of incident stormwater and stormwater runoff from contacting wastes or contaminants, and (b) diversion of upstream runoff away from areas containing wastes or contaminants, and (c) minimisation of the size of contaminated areas, and (d) installation of oil separators, silt and rubbish traps, and stormwater diversion systems, and (e) paving and roofing of contaminated areas.
WA14	The registered operator of this environmental authority must submit details of any amendment to the approved Stormwater Management Plan to the Administering Authority with the Annual Return which immediately follows the enactment of any such amendment.

Schedule: Noise	
Condition number	Condition
N1	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 practicable means necessary to prevent or minimise the emission or likelihood of emission of noise.
N2	Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.
Schedule: Land	
Condition number	Condition
L1	Release of Contaminants to Land Any release of liquid effluent to land must be in accordance with the procedures outlined in the Integrated Environmental Management System.
Schedule: Waste	
Condition number	Condition
W1	General Waste must not be released to the environment, stored, transferred or disposed contrary to any condition of this environmental authority.
W2	Waste must not be burnt or allowed to burn on the approved site or removed and burnt elsewhere unless specifically permitted by an environmental authority.
W3	Records of trade waste agreements must be made available for inspection on request.
W4	Where a no-cost recycling service is locally available, recyclable waste must not be deposited in the general waste stream.
W5	Off Site Movement Where regulated waste is removed from the approved 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. (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).
W6	Regulated waste must not be sent for disposal at any facility without the written approval of the person operating that facility.
W7	Records Records must be maintained for a period of 5 years for all wastes mentioned in this schedule.
W8	Notification of Improper Disposal of Regulated Waste If the registered operator of this environmental authority becomes aware that a person has removed waste from the approved place and disposed of the waste in a manner which is not authorised by this environmental authority or improper or unlawful, then the registered operator of this environmental authority must, as soon as practicable, notify the Administering Authority of all relevant facts, matters and circumstances known concerning the disposal.
Schedule: Monitoring and Reporting	
Condition number	Condition
M1	Complaint Recording All complaints received by the registered operator of this environmental authority relating to operations at the approved 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.
M2	The complaints record required by condition number M1 must be maintained for a period of not less than 5 years.
M3	Notification of Emergencies and Incidents As soon as practicable after becoming aware of any emergency or incident which results in the release of contaminants at a level causing or likely to cause serious or material environmental harm the registered operator of this environmental authority must notify the Administering Authority of the release by telephone, facsimile or email.
M4	The notification of emergencies or incidents as required by condition number M3 must include but not be limited to the following:

	(i) The registered operator 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; (iv) the time of the release; (v) the time the registered operator of the environmental authority became aware of the release; (vi) the suspected cause of the release; (vii) the environmental harm caused, threatened, or suspected to be caused by the release; and (viii) actions taken to prevent further any release and mitigate any environmental harm and or environmental nuisance caused by the release.
M5	Not more than 14 days following the initial notification of an emergency or incident, the registered operator of the environmental authority must provide written advice of the information supplied in accordance with condition number M4 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 (iii) the results of any environmental monitoring performed.
M6	Monitoring of Contaminant Releases to the Atmosphere The registered operator of this environmental authority must conduct a monitoring program of contaminant releases to the atmosphere at the release points, frequency, and for the parameters specified in Table 1 and which complies with the following: (a) All monitoring must be made by a person or body registered by the National Association of Testing Authorities (NATA) for the required parameters or a body acceptable to the Administering Authority. (b) Monitoring provisions at the release points listed in Table 1 must comply with the: a. Australian Standard AS 4323.1 - 1995 "Stationary source emissions Method 1: Selection of sampling provisions; and b. Australian Standards AS 4323.2 – 1995 "Stationary Source emissions method 2 – Determination of total particulate matter – Isokinetic manual sampling - Gravimetric method. (c) The following tests must be performed for each required sample specified in Table 1: (i) gas velocity and volume flow rate (ii) temperature (iii) water vapour concentration (d) where practicable samples taken must be representative of the contaminants discharged when emissions are expected to be normal. (e) during the sampling period the following additional information must be gathered - the percentage load on the boiler when compared against the maximum continuous rating of the boiler.
M7	The registered operator of this environmental authority must endeavour to conduct the monitoring program within 3 months of initial startup each season but in any case must conduct the

	monitoring program at least once each season.
M8	Records Records must be kept of the results of all monitoring of releases of contaminants to the atmosphere for a period of 5 years.
M9	Monitoring of Contaminant Releases to Waters The registered operator of this environmental authority is responsible for the making of determinations of the quality of the contaminants released for the release points, quality characteristics, and at the frequency specified in Table 3.
M10	All determinations of the quality of contaminants released must be made in accordance with methods prescribed in the latest edition of the Administering Authority's Water Quality Sampling Manual.
M11	All determinations of the quality of contaminants released must be performed by a person or body acceptable to the Administering Authority.
M12	Records must be kept of the results of all determinations of the quality of contaminants released to waters for a period of 5 years.
M13	Monitoring of Volume Release The daily volumetric flow of contaminants released must be determined by a method acceptable to the Administering Authority.
M14	Records must be kept of the results of all determinations of the daily quantity of contaminants released to waters for a period of 5 years.
M15	Noise Monitoring Monitoring must be undertaken to investigate any complaint of noise nuisance upon receipt of a request from the Administering Authority to carry out such monitoring.
M16	The method of measurement and reporting of noise levels must comply with the latest edition of the Administering Authority's Noise Measurement Manual.
M17	The method of measurement and reporting of noise levels must be undertaken by a person or body acceptable to the Administering Authority.
M18	Records must be kept of the results of all monitoring of noise levels and other information required to be recorded in conjunction with such monitoring for a period of 5 years.
M19	Report Submission The registered operator of this environmental authority must ensure that a summary of the results of all monitoring performed in accordance with this environmental authority are submitted with the Annual Return. Each submission must include details of the results of monitoring performed during the 12 months preceding that Annual Return.

Schedule: Approved Documents	
Condition number	Condition
D1	The environmentally relevant activity must be constructed, operated and maintained in accordance with all undertakings of the environmental authority application and any other documents approved by the Administering Authority as set out in the Approved Documents Schedule.
D2	In the event of any inconsistency arising between the undertakings of the environmental authority application or other approved documents as set out in the Approved Documents Schedule and the conditions of this environmental authority, the conditions of this environmental authority must apply.
D3	For the purposes of this environmental authority the following stated documents are approved documents: (i) The Integrated Environmental Management System. (ii) Application for environmental authority.
D4	See attachment1 – Site Plan (dated 8 March 2006 file TSV76 (Vol 6) for the Waste water treatment system at Victoria Sugar Mill.

Definitions for Parts 1-7

For the purposes of this environmental authority any term not otherwise defined in the Act and any subordinate legislation made pursuant to the Act or in the Definitions Schedule of this environmental authority has the meaning conferred to that term in its common usage.

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*.

“annual return” means the return required by the annual notice (under section 308 of the *Environment Protection Act 1994*).

“land” in the Land Schedule of this document means land excluding waters and the atmosphere.

“maximum” means that the measured value of the quality characteristic or contaminant must not be greater than the release limit stated.

“mg/L” means milligrams per litre.

“mg/Nm³dry” means milligrams of particulate matter per cubic metre of sample gas stream expressed on a dry basis at a temperature of zero degrees Celsius (normal temperature) and at an absolute pressure of 101.3 kilopascals.

“minimum” means that the measured value of the quality characteristic or contaminant must not be less than the release limit stated.

“nuisance sensitive place” includes –

- a dwelling, residential allotment, 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 under the *Nature Conservation Act 1992*, the *Marine Parks Act 2004* or a World Heritage Area; or
- a public thoroughfare, park or gardens; or
- 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.

“regulated waste” means non-domestic waste mentioned in Schedule 7 of the *Environmental Protection Regulation 2008* (whether or not it has been treated or immobilised), and includes –

- for an element - any chemical compound containing the element; and
- anything that has contained the waste.

Part 8a - Proserpine Mill

Environmentally relevant activity	Location
ERA 28 - Sugar milling or refining: crushing or grinding 200t or more of sugar cane in a year or manufacturing 200t or more of sugar or other sugarcane products in a year	Lot 1 on RP737071, Lot 1 on RP706179, Lot 1 on RP706462, Lot 198 on HR1896, Lot 3 on RP706180, Lot 37 on RP702840, Lot 38 on RP702840, Lot 39 on RP702840, Lot 4 on RP726971, Lot 7 on RP706105

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

Schedule: General	
Condition number	Condition
G1	A copy of this approval must be kept in a location readily accessible to personnel carrying out the activity.
G2	Any record or document required to be kept by a condition of this approval must be kept at the licensed place for a period of at least five years and be available for examination by an authorised person or administering authority on request. For daily and weekly records, 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.
G3	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 approval. An example of a substantial increase in the risk of environmental harm is an increase of 10% or more in the quantity of the contaminant to be released into the environment.
G4	All determinations of the quality of contaminants released to the environment and all measurement and reporting of noise levels that are required by this approval must be undertaken by a person or body possessing appropriate experience and/or qualifications to perform the required determinations and the required measurements.
G5	All instruments and devices used for the measurement or monitoring of any parameter under any condition of this approval must be calibrated, and appropriately operated and maintained.
G6	The holder of this approval must: 1) develop and implement an Integrated Environmental Management System which provides for the following functions: (i) Accountability and responsibility for environmental management; and (ii) Standard operating procedures to prevent or minimise reasonably foreseeable environmental harm and environmental nuisance including: a. the operation of steam generating boilers; and b. the transportation of bagasse, molasses, mill mud, boiler ash and sugar; and

	c. bagasse stockpile management; and d. reuse of liquid effluent on land; and (iii) Staff training and awareness of environmental issues; and (iv) The conduct of environmental and energy audits; and (v) Waste prevention, treatment and disposal; and (vi) Emergency procedures; 2) lodge with the administering authority on or before the first annual return date, a brief report describing the progress in developing and implementing the Integrated Environmental Management System; and 3) on or before the first annual return date lodge a detailed description of the Integrated Environmental Management System and its documentation with the administering authority for its review and comment; and 4) have due regard to that comment in the finalisation of the Integrated Environmental Management System.																				
G7	A copy of the Integrated Environmental Management System must be kept in a location readily accessible to personnel carrying out the activity.																				
Schedule: Air																					
Condition number	Condition																				
A1	Contaminants resulting from the operation of the sources described in Table 1 must only be released to the atmosphere from those release points specified in Table 1. Table 1 <table><tr><th>Source description</th><th>Release Point number and stack description</th><th>Minimum Release Height (metres)</th><th>Minimum efflux velocity (metres/second) @ MCR</th></tr><tr><td>Boiler # 1</td><td>A1</td><td>62.5</td><td>15.25</td></tr><tr><td>Boiler # 2</td><td>A1</td><td>62.5</td><td>15.25</td></tr><tr><td>Boiler # 3</td><td>A2</td><td>62.0</td><td>15.25</td></tr><tr><td>Boiler # 4</td><td>A1</td><td>62.5</td><td>15.25</td></tr></table>	Source description	Release Point number and stack description	Minimum Release Height (metres)	Minimum efflux velocity (metres/second) @ MCR	Boiler # 1	A1	62.5	15.25	Boiler # 2	A1	62.5	15.25	Boiler # 3	A2	62.0	15.25	Boiler # 4	A1	62.5	15.25
Source description	Release Point number and stack description	Minimum Release Height (metres)	Minimum efflux velocity (metres/second) @ MCR																		
Boiler # 1	A1	62.5	15.25																		
Boiler # 2	A1	62.5	15.25																		
Boiler # 3	A2	62.0	15.25																		
Boiler # 4	A1	62.5	15.25																		
A2	Contaminants released from each release point specified in Table 1 must be directed vertically upwards without any impedance or hindrance.																				
A3	Contaminants must be released to the atmosphere from a release point at a height not less than the corresponding height stated for that release point in Table 1.																				
A4	Contaminants must be released to the atmosphere from a release point at a velocity not less than the corresponding velocity stated for that release point in Table 1.																				

A5	Contaminants must not be released to the atmosphere from a release point at a concentration, corrected to twelve percent by volume of carbon dioxide, as measured at a monitoring point specified in Table 1, in excess of that stated in Table 2. Table 2<table><tr><th>Contaminants</th><th>Release point number</th><th>Release limits at normal conditions</th><th>Release limit units</th></tr><tr><td>Particulate</td><td>A1 - Boiler # 1</td><td>800</td><td>mg/NTPm³</td></tr><tr><td>Particulate</td><td>A1 - Boiler #2</td><td>800</td><td>mg/NTPm³</td></tr><tr><td>Particulate</td><td>A2 - Boiler #3</td><td>700</td><td>mg/NTPm³</td></tr><tr><td>Particulate</td><td>A1 - Boiler #4</td><td>450</td><td>mg/NTPm³</td></tr></table>	Contaminants	Release point number	Release limits at normal conditions	Release limit units	Particulate	A1 - Boiler # 1	800	mg/NTPm ³	Particulate	A1 - Boiler #2	800	mg/NTPm ³	Particulate	A2 - Boiler #3	700	mg/NTPm ³	Particulate	A1 - Boiler #4	450	mg/NTPm ³
Contaminants	Release point number	Release limits at normal conditions	Release limit units																		
Particulate	A1 - Boiler # 1	800	mg/NTPm ³																		
Particulate	A1 - Boiler #2	800	mg/NTPm ³																		
Particulate	A2 - Boiler #3	700	mg/NTPm ³																		
Particulate	A1 - Boiler #4	450	mg/NTPm ³																		
A6	The licensee shall conform with the release limits set out in Table 2 except when steam generating plants or particulate control devices attached thereto are replaced, when a limit of 250 mg/NTPm3, corrected to 12 percent by volume of carbon dioxide, shall apply.																				
A7	To determine the compliance criteria for chimneys serving more than one boiler with different performance parameters, the levels in Tables 1 and 2 shall be averaged based on the contributions being made by each boiler at the time of measurement.																				
A8	Compliance with the release limits in Table 2 are deemed to be achieved if no test exceeds the limit specified + 5%.																				
A9	The sulphur content of any fuel burned in industrial fuel burning equipment is not to exceed 3 percent by weight.																				
A10	The fuels which may be burned in industrial fuel burning equipment are coal, natural gas, wood, fuel oil, bagasse, diesel, waste paper/cardboard, or other fuels as approved by the chief executive of the Administering Authority.																				
Schedule: Water																					
Condition number	Condition																				
WA1	The holder of this approval must: (a) develop and implement a stormwater management plan which provides for the following functions: • avoidance and minimisation of contaminated stormwater; and • reuse, treatment and disposal of contaminated stormwater; and (b) on or before the first annual return date, prepared and submitted a stormwater management plan to the administering authority for its review and comment; and (c) have due regard to that comment in the finalisation of the stormwater management plan.																				

WA2	A copy of the Stormwater Management Plan must be kept at the licensed place.
Schedule: Land	
Condition number	Condition
L1	Any releases of liquid effluent to land must be in accordance with the procedures outlined in the IEMS.
Schedule: Noise	
Condition number	Condition
N1	The environmentally relevant activity must be carried out by such reasonable and practicable means necessary to minimise the emission of noise.
N2	In the event of a complaint about noise that the administering authority considers is reasonable, an investigation shall be carried out and a report containing recommended measures to address the issues raised by the complainant, shall be provided to the administering authority together with a proposed timetable, if necessary, for implementation.
N3	The licence holder shall give due regard to any comments given by the administering authority in finalising the report and timetable for implementation which is referred to in clause N2.
Schedule: Monitoring and Reporting	
Condition number	Condition
M1	All complaints received by the holder of this approval relating to releases of contaminants from operations at the licensed place must be recorded and kept in a log book 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.
M2	The holder of this approval must conduct and keep records of a monitoring program of contaminant releases to the atmosphere at the release points, frequency, and for the parameters specified in Table 3 and which complies with the following: (a) Monitoring provisions for the release points listed in Table 3 must comply with the Australian Standard AS 4323.1 - 1995 "Stationary source emissions Method 1: Selection of sampling

	provisions". (b) The following tests must be performed for each required determination specified in Table 3: (i) gas velocity and volume flow rate; (c) where practicable samples taken must be representative of the contaminants discharged when emissions are expected to be normal; (d) during the sampling period the following additional information must be gathered: (i) the percentage load on the boiler when compared against the maximum continuous rating of the boiler. Table 3 <table><tr><th>Determination required</th><th>Release Point Numbers</th><th>Frequency</th></tr><tr><td>Particulate</td><td>A1 - A2</td><td>Yearly</td></tr></table>	Determination required	Release Point Numbers	Frequency	Particulate	A1 - A2	Yearly
Determination required	Release Point Numbers	Frequency					
Particulate	A1 - A2	Yearly					
M3	The holder of this approval must ensure that the results of all monitoring performed in accordance with this approval for the period covered by the return are submitted with the Annual Return.						

Definitions for Part 8a

Key terms and/or phrases in this environmental authority 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.

NTPm³ (normal cubic metre) means the volume of dry gaseous contaminant which occupies 1 cubic metre at a temperature of zero degrees Celsius and at an absolute pressure of 101.3 kilopascals.

Part 8b: Proserpine Mill

Environmentally relevant activity	Location
ERA 53 - Composting and soil conditioner manufacturing Manufacturing, from organic material or organic waste, 200t or more of compost or soil conditioners in a year	Lascelles Avenue Gunyarra Lot 69 on SP204624

The environmentally relevant activity conducted at the location as described above must also be conducted in accordance with the following site specific conditions.

Schedule: General	
Condition number	Condition
G1	In carrying out an ERA to which this approval relates, all reasonable and practicable measures must be taken to prevent and / or to minimise the likelihood of environmental harm being caused.
G2	The operator of an ERA to which this approval relates must: (a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this approval; and (b) maintain such measures, plant and equipment in a proper and efficient condition; and (c) operate such measures, plant and equipment in a proper and efficient manner.
G3	From commencement of an ERA to which this 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. The SBMP must address 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. (k) Periodic review of environmental performance and continual improvement.

G4	The site based management plan must not be implemented or amended in a way that contravenes any condition of this approval.
G5	Record, compile and keep all monitoring results required by this approval and present this information to the administering authority when requested.
G6	All records required by this approval must be kept for 5 years.
G7	Telephone the administering authority's Pollution Hotline or local office as soon as practicable after becoming aware of any release of contaminants not in accordance with the conditions of this approval.
G8	A written notice detailing the following information must be provided to the administering authority within 14 days of any advice provided in accordance with condition (G7): 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; 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.
G9	A competent person(s) must conduct any monitoring required by this approval.
G10	All instruments, equipment and measuring devices used for measuring or monitoring in accordance with any condition of this approval must be calibrated, and appropriately operated and maintained.
G11	An appropriate spill kit, personal protective equipment and relevant operator instructions/emergency procedure guides for the management of wastes and chemicals associated with the ERA must be kept at the site, and in each vehicle used if the activity is a mobile ERA.
G12	Anyone operating under this approval must be trained in the use of the spill kit.
Schedule: Air	
Condition number	Condition

A1	The release of dust and/or particulate matter resulting from the ERA must not cause an environmental nuisance at any nuisance sensitive or commercial place.
A2	Dust and particulate matter must not exceed the following levels when measured at any nuisance sensitive or commercial place: a) Dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10.1 of 2003 (or more recent editions); OR b) A concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (um) (PM10) suspended in the atmosphere of 150 micrograms per cubic metre over a 24 hour averaging time, at a nuisance sensitive or commercial place downwind of the site, when monitored in accordance with: - Australian Standard AS 3580.9.6 of 2003 (or more recent editions) 'Ambient air - Particulate matter - Determination of suspended particulate PM10 high volume sampler with size-selective inlet -Gravimetric method'; or - any alternative method of monitoring PM10 which may be permitted by the 'Air Quality Sampling Manual' as published from time to time by the administering authority.
A3	When requested by the administering authority, dust and particulate monitoring must be undertaken to investigate any complaint of environmental nuisance caused by dust and/or particulate matter, and the results notified within 14 days to the administering authority following completion of monitoring. 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 caused by dust, the concentration per cubic metre of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM10) suspended in the atmosphere over a 24hr averaging time.
A4	The registered operator must undertake all reasonable and practicable measures necessary to minimise wind-borne dust and particulate matter emissions to the atmosphere from the composting operations at the place to which this approval relates. Such measures may include, but are not limited to: • composting windrow forming and turning, compost remixing, blending and screening operations in calm weather conditions; • maintaining any composting windrows and raw material stockpiles in moist conditions; or • screening and sizing of material in a moist condition and/or installing of dust impervious enclosures on any screening plant or equipment.
A5	Stockpiles must be maintained using all reasonable and practicable measures necessary to minimise the release of wind blown dust or particulate matter to the atmosphere. Reasonable and practicable measures may include but are not limited to: • the use of water sprays as required during winds likely to generate such releases; • the use of dust-suppressant and wind shielding; or • covering stockpiles with tarpaulins.

A6	Trafficable areas must be maintained using all reasonable and practicable measures necessary to minimise the release of wind blown dust or traffic generated dust to the atmosphere. Reasonable and practicable measures may include but are not limited to: • keeping surfaces clean; • sealing with bitumen or other suitable material; • using water sprays; • adopting and adhering to speed limits; or • using dust suppressants and wind breaks.
A7	The registered operator must take all reasonable and practicable measures necessary to prevent spillage and/or loss of particulate matter or windblown dust from trucks used for transporting material from the place to which this approval relates. Reasonable and practicable measures may include but are not limited to: • wetting down the toad prior to transport; • having the entire load covered with a tarpaulin or similar material for the duration of transport; or • clearing of spillage from side rails, tail gates and draw bars of trucks prior to departure from the place to which this approval relates and prior to departure from the premises to which the load has been delivered.
A8	The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not cause a nuisance at any nuisance sensitive or commercial place.
Schedule: Noise	
Condition number	Condition
N1	Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.

N2	All noise from activities must not exceed the levels specified in <i>Table 1 - Noise limits</i> at any nuisance sensitive or commercial place. <table><tr><th colspan="7">Table 1 – Noise Limits</th></tr><tr><th rowspan="3">Noise level dB(A) measured as</th><th colspan="3">Monday to Saturday</th><th colspan="3">Sunday and public holidays</th></tr><tr><th>7am – 6pm</th><th>6pm–10pm</th><th>10pm-7am</th><th>9am-6pm</th><th>6pm-10pm</th><th>10pm-9am</th></tr><tr><th colspan="6">Noise measured at a ‘Noise sensitive place’</th></tr><tr><td>LA10, adj, 10 mins</td><td>Bkg + 5</td><td>Bkg + 5</td><td>Bkg + 0</td><td>Bkg + 5</td><td>Bkg + 5</td><td>Bkg + 0</td></tr><tr><td>LA1, adj, 10 mins</td><td>Bkg + 10</td><td>Bkg + 10</td><td>Bkg + 5</td><td>Bkg + 10</td><td>Bkg + 10</td><td>Bkg + 5</td></tr><tr><th colspan="7">Noise measured at a ‘Commercial place’</th></tr><tr><td>LA10, adj, 10 mins</td><td>Bkg + 10</td><td>Bkg + 10</td><td>Bkg + 5</td><td>Bkg + 10</td><td>Bkg + 10</td><td>Bkg + 5</td></tr><tr><td>LA1, adj, 10 mins</td><td>Bkg + 15</td><td>Bkg + 15</td><td>Bkg + 10</td><td>Bkg + 15</td><td>Bkg + 15</td><td>Bkg + 10</td></tr></table>	Table 1 – Noise Limits							Noise level dB(A) measured as	Monday to Saturday			Sunday and public holidays			7am – 6pm	6pm–10pm	10pm-7am	9am-6pm	6pm-10pm	10pm-9am	Noise measured at a ‘Noise sensitive place’						LA10, adj, 10 mins	Bkg + 5	Bkg + 5	Bkg + 0	Bkg + 5	Bkg + 5	Bkg + 0	LA1, adj, 10 mins	Bkg + 10	Bkg + 10	Bkg + 5	Bkg + 10	Bkg + 10	Bkg + 5	Noise measured at a ‘Commercial place’							LA10, adj, 10 mins	Bkg + 10	Bkg + 10	Bkg + 5	Bkg + 10	Bkg + 10	Bkg + 5	LA1, adj, 10 mins	Bkg + 15	Bkg + 15	Bkg + 10	Bkg + 15	Bkg + 15	Bkg + 10
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N3	When requested by the administering authority, noise monitoring must be undertaken to investigate any complaint of noise nuisance, and the results notified within 14 days to the administering authority. Monitoring must include: - airblast overpressure (dB (Lin) Peak); - LA 10, adj. 10 mins - LA 1, adj, 10 mins - the level and frequency of occurrence of impulsive or tonal noise; - atmospheric conditions including wind speed and direction; - effects due to extraneous factors such as traffic noise; and - location, date and time of recording.																																																													
N4	The method of measurement and reporting of noise levels must comply with the latest edition of the administering authority’s Noise Measurement Manual.																																																													
Schedule: Land																																																														
Condition number	Condition																																																													
L1	Contaminants must not be released to land.																																																													
L2	Composting activities must not be undertaken within 100m of Deadman Creek.																																																													

L3	The only materials permitted to be accepted at the registered place for soil conditioning manufacturing are: a) mill mud; b) bagasse; c) sawdust; d) cane trash; and e) forage sorghum.
L4	Windrow composting, compost remixing, blending and screening operations must be carried out on a hardstand pad, constructed of compacted clay or other low permeability material to minimise infiltration.
L5	The hardstand pad must be graded to avoid rainwater ponding and bunded as necessary to divert any stormwater runoff to the sediment dam and deep water holding pond.
Schedule: Social	
Condition number	Condition
S1	The operator of the ERA must record the following details for all complaints received and provide this information to the administering authority on request: 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.
Schedule: Water	
Condition number	Condition
W1	Erosion protection measures and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.
W2	Contaminants must not be released from the site to any waters or the bed and banks of any waters.
W3	A system of effective diversion drains and/or embankments must be constructed and maintained to divert surface waters away from any area of the registered place where contact with process raw materials and compost windrows may occur.

W4	Stormwater runoff which has been in contact with raw materials or compost windrows on the registered place must not be released to any external stormwater drain or receiving waters (including groundwater).												
W5	Stormwater runoff referred to in W4 must be separated from uncontaminated rainfall and stormwater, by effective bunding and/or grading, collected in storage pond(s), and reused in composting operations at the registered place.												
W6	Any spillage of waste, contaminants or other materials must be cleaned up as quickly as practicable. Such spillage must not be cleaned up by hosing, sweeping or otherwise releasing such wastes, contaminant or other material to any external stormwater drainage system, roadside gutter or waters.												
W7	Suitable banks and/or diversion drains must be installed and maintained to exclude stormwater runoff from entering any ponds or other structures used for the storage or treatment of contaminants or wastes.												
W8	All ponds used for the storage or treatment of contaminants or wastes must be constructed, installed and maintained: a) so as to minimise the likelihood of any release through the bed or banks of the pond to any waters (including ground water); b) so that a freeboard of not less than 0.5 metres is maintained at all times, except in emergencies; and c) so as to ensure the stability of the ponds' construction.												
W9	Monitoring must be undertaken and records kept of water contained within the deep water holding pond for the first twelve (12) months of composting operations. Monitoring must pertain to quality characteristics and be at a frequency as specified in <i>Table 2 — Water Quality Monitoring Program</i>. This information must be submitted to the administering authority for assessment to determine on going monitoring requirements after this period, where necessary. All determinations of the quality characteristics must be: a) made in accordance with methods prescribed in the latest edition of the administering authority's Water Quality Sampling Manual; b) carried out on samples that are representative of the water quality contained within the pond/s; and c) made by a person or body registered by the National Association of Testing Authorities (NATA) except for pH, Electrical Conductivity and Dissolved Oxygen. Table 2 — Water Quality Monitoring Program <table><tr><th>Monitoring point</th><th>Quality characteristics</th><th>Units</th><th>Frequency</th></tr><tr><td>Deep Water Holding Pond</td><td>pH</td><td>pH Scale</td><td>Weekly</td></tr><tr><td></td><td>Electrical Conductivity</td><td>µS/cm</td><td>Weekly</td></tr></table>	Monitoring point	Quality characteristics	Units	Frequency	Deep Water Holding Pond	pH	pH Scale	Weekly		Electrical Conductivity	µS/cm	Weekly
Monitoring point	Quality characteristics	Units	Frequency										
Deep Water Holding Pond	pH	pH Scale	Weekly										
	Electrical Conductivity	µS/cm	Weekly										

		Dissolved Oxygen	mg/L	Weekly
		Total Phosphorus	mg/L	3 monthly
		Total Nitrogen	mg/L	3 monthly

Definitions for Part 8b

Key terms and/or phrases in this environmental authority 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.

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

Annual return means the return required by the annual notice (under section 316 of the *Environment Protection Act 1994*) for the section 73F registration certificate that applies to the development approval.

Approval means this environmental authority.

Approved plans means the plans and documents listed in the approved plans section in the notice attached to this development approval.

Artificial waterway means an artificial channel, lake or other body of water. Artificial waterway includes:

- an artificial channel that is formed because the land has been reclaimed from tidal water and is intended to allow boating access to allotments on subdivided land;
- other artificial channels subject to the ebb and flow of the tide; and
- any additions or alterations to an artificial waterway.

Authorised place means the place authorised under this approval for the carrying out of the specified environmentally relevant activities.

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.

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.

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 — 1997 Acoustics — Description and Measurement of Environmental Noise Part 2 — Application to Specific Situations.

LA_{10, adj, 10 mins} means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 10% of any 10 minute measurement period, using Fast response.

LA_{1, adj, 10 mins} means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 1% of any 10 minute measurement period, using Fast response.

Land in the Land Section of this document means land excluding waters and the atmosphere.

mg/L means milligrams per litre.

Noxious means harmful or injurious to health or physical well being.

Nuisance sensitive place includes —

- a dwelling, residential allotment, 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 under the *Nature Conservation Act 1992*, the *Marine Parks Act 2004* or a World Heritage Area; or
- a public thoroughfare, park or gardens; or
- 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.

Offensive means causing offence or displeasure; is disagreeable to the sense; disgusting, nauseous or repulsive.

Ponded pasture means a permanent or periodic pondage of water in which the dominant plant species are pasture species used for grazing or harvesting.

Protected area means

- a protected area under the *Nature Conservation Act 1992*; or
- a marine park under the *Marine Parks Act 1992*; or
- a World Heritage Area.

Regulated waste means non-domestic waste mentioned in Schedule 7 of the *Environmental Protection Regulation 2008* (whether or not it has been treated or immobilised), and includes -

- for an element - any chemical compound containing the element; and
- anything that has contained the waste.

Site means land or tidal waters on or in which it is proposed to carry out the development approved under this approval.

Tidal water means the sea and any part of a harbour or watercourse ordinarily within the ebb and flow of the tide at spring tides.

Watercourse means a river, creek or stream in which water flows permanently or intermittently:

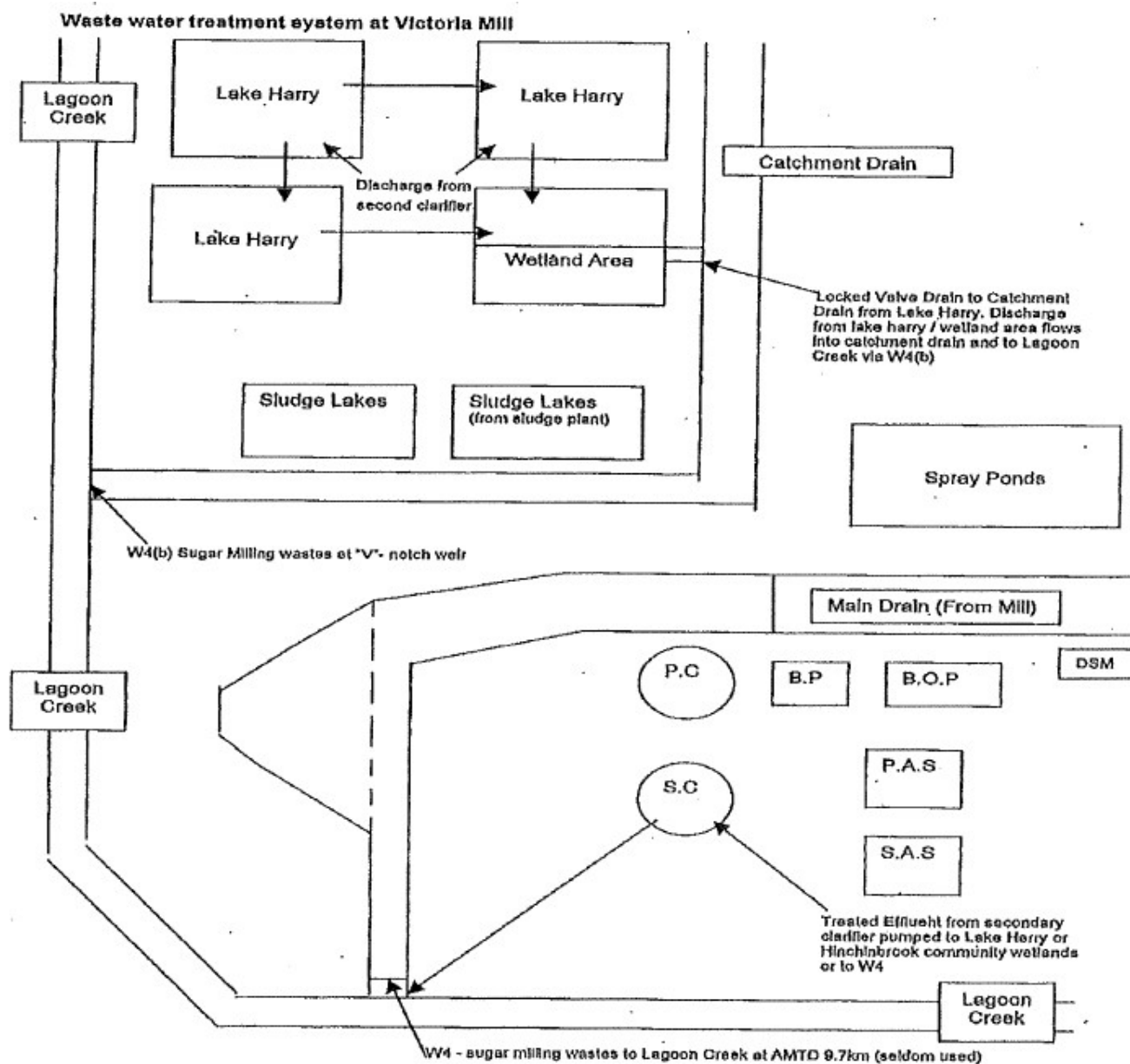
- in a natural channel, whether artificially improved or not; or
- in an artificial channel that has changed the course of the watercourse.

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 approval.

You means the holder of this approval or owner/occupier of the land which is the subject of this approval.

Attachment 1 - Site Plan for Waste Water Treatment System at Victoria Sugar Mill



END OF ENVIRONMENTAL AUTHORITY