

Permit

Environmental Protection Act 1994

Environmental Authority EPPR00779613

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

Environmental authority number: EPPR00779613

Environmental authority takes effect on the date the authority is issued.

The anniversary date of this environmental authority remains the same, 15 April, each year. The payment of the annual fee will be due each year on this day.

Environmental authority holder

Name	Registered address
LMS ENERGY PTY LTD	118 Greenhill Road UNLEY SA 5061

Environmentally relevant activity and location details

Environmentally relevant activity	Locations
ERA 15 - Fuel burning - Using fuel burning equipment that is capable of burning at least 500kg of fuel in an hour	32 Rossmans Road STAPYLTON QLD 4207 - 1/RP6936
	Blackheath Road Swanbank QLD 4306 - 104/RP839073
	174 Gardner Road Rochedale QLD 4123 - 2/RP844932
	60 Cooney Road Bli Bli QLD 4560 - 2/SP353658

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 land give written notice to the administering authority if they become aware of the following:

- the presence of, or happening of an event involving, a hazardous contaminant on the land that is causing, or is reasonably likely to cause, serious or material environmental harm (notice must be given within 24 hours); or
- if the land is contaminated land – a change in the condition of the land that is causing, or is reasonably likely to cause, serious or material environmental harm (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 land (notice must be given within 20 business days).

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(1) 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, in accordance with section 200(2) of the EP Act, the day that the EA takes effect may not be before:

- (a) if the authority is for a resource activity—the day the relevant tenure is granted to the applicant; or
- (b) if a development permit for a material change of use of premises under the *Planning Act 2016* is necessary for carrying out an activity that related to the authority—the day the development permit takes effect; or
- (c) if an SDA Approval under the *State Development and Public Works Organisation Act 1971* is necessary for carrying out an activity that relates to the authority—the day the approval takes 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 EA is the same day each year as the effective date. 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 EA.



Signature

Scott Blanchard

Department of the Environment, Tourism, Science and Innovation
Delegate of the administering authority
Environmental Protection Act 1994

13 March 2026

Date

Enquiries:

Waste Assessment Business Centre
GPO Box 2454, Brisbane QLD 4001
Phone: 1300 130 372
Email: palm@detsi.qld.gov.au

Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this EA, 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 restore the environment (section 319C)
- 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 EP Act. 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 and Federal Government agencies prior to commencing any activity at the site. For example, this may include permits or approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access State controlled roads), the Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development (to clear vegetation), and the Department of Primary Industries (to clear marine plants or to obtain a quarry material allocation).

Obligations under the *Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act)*

Matters of national environmental significance (MNES) are regulated under the Commonwealth EPBC Act rather than under state legislation. You may need to submit a referral if your project potentially impacts any matters protected under the EPBC Act. For more information on self-assessments, and referral and assessment processes, please visit the Australian Government Department of Climate Change, Energy, the Environment and Water's website at www.dcceew.gov.au/environment/epbc/advice.

Obligations under the *Aboriginal Cultural Heritage Act 2003* and *Torres Strait Islander Cultural Heritage Act 2003* (the Cultural Heritage Acts)

The Cultural Heritage Acts require anyone who carries out a land-use activity to exercise a duty of care. This 'duty of care' means land users must take all reasonable and practicable measures to ensure their activity does not harm Aboriginal or Torres Strait Islander cultural heritage, and applies to any activity where Aboriginal or Torres Strait Islander cultural heritage is located. For more information on your obligations under this legislation, please visit the Department of Women, Aboriginal and Torres Strait Islander Partnerships and Multiculturalism webpage at, www.dwatsipm.qld.gov.au.

Conditions of environmental authority

PART 1 – Common conditions for all sites

PART 2 – Site specific conditions for ROCHEDALE site

PART 3 – Site specific conditions for SWANBANK site

PART 4 – Site specific conditions for STAPYLTON site

PART 5 - Site specific conditions for BLI BLI (Nambour) site

Part 1 - Common conditions for all sites

174 Gardner Road Rochedale QLD 4123 - 2/RP844932

Blackheath Road Swanbank QLD 4306 - 104/RP839073

32 Rossmans Road STAPYLTON QLD 4207 - 1/RP6936

60 Cooney Road Bli Bli QLD 4560 - 2/SP353658

SCHEDULE: GENERAL

Condition number	Condition											
1-G1	This environmental authority authorises the activities listed in <i>Table 1.1 – Authorised activities</i>. Table 1.1 – Authorised activities <table><tr><th>Activity</th><th>Type of fuel</th><th>Process</th><th>Locations</th></tr><tr><td rowspan="4">Fuel burning</td><td rowspan="4">Landfill gas</td><td rowspan="4">Using fuel burning equipment that is capable of burning at least 500kg of fuel in an hour</td><td>74 Gardner Road Rochedale QLD 4123 (2/RP844932) - Figure 2.1- Drawing 40003-GA-008</td></tr><tr><td>Blackheath Road Swanbank QLD 4306 (104/RP839073) - Figure 3.1- Drawing 40005-GA-023</td></tr><tr><td>32 Rossmans Road STAPYLTON QLD 4207 (1/RP6936) - Figure 4.1 - Stapylton Renewable Energy Facility, Power Station Discharge Plan 40024-GA-004</td></tr><tr><td>60 Cooney Road Bli Bli QLD 4560 (2/SP353658) - Figure 5.1 – Nambour Bioenergy Facility – Power Station Discharge Plan 40046-GA-010</td></tr></table>	Activity	Type of fuel	Process	Locations	Fuel burning	Landfill gas	Using fuel burning equipment that is capable of burning at least 500kg of fuel in an hour	74 Gardner Road Rochedale QLD 4123 (2/RP844932) - Figure 2.1- Drawing 40003-GA-008	Blackheath Road Swanbank QLD 4306 (104/RP839073) - Figure 3.1- Drawing 40005-GA-023	32 Rossmans Road STAPYLTON QLD 4207 (1/RP6936) - Figure 4.1 - Stapylton Renewable Energy Facility, Power Station Discharge Plan 40024-GA-004	60 Cooney Road Bli Bli QLD 4560 (2/SP353658) - Figure 5.1 – Nambour Bioenergy Facility – Power Station Discharge Plan 40046-GA-010
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			60 Cooney Road Bli Bli QLD 4560 (2/SP353658) - Figure 5.1 – Nambour Bioenergy Facility – Power Station Discharge Plan 40046-GA-010									
1-G2	All reasonable and practicable measures must be taken to prevent or minimise environmental harm caused, or likely to be caused, by the activities.											
1-G3	Unless specifically authorised by a condition of this environmental authority, this environmental authority does not authorise a relevant act which is: a) an act that causes serious or material environmental harm or an environmental nuisance; or b) an act that contravenes a noise standard; or c) a deposit of a contaminant, or release of stormwater run-off, mentioned in section 440ZG of the <i>Environmental Protection Act 1994</i>.											
1-G4	Contravention of conditions											

	Unless specifically authorised by a condition of this environmental authority, details of any contravention of a condition of this environmental authority must: a) be reported to the administering authority within 24 hours of becoming aware of the contravention; and b) include the nature and circumstances of the contravention and any immediate actions taken.
1-G5	As soon as reasonably practicable but no later than 20 business days of a report made under condition 1-G4 (or a longer period agreed to in writing by the administering authority), an investigation must be undertaken to determine: a) the potential circumstances and actions that may have contributed to the contravention; and b) reasonable and practicable measures that will be implemented to address the cause of the contravention to prevent future contraventions of this nature.
1-G6	As soon as reasonably practicable but no later than 20 business days after investigating a contravention under condition 1-G5 (or a longer period agreed to in writing by the administering authority), the reasonable and practicable measures identified in the investigation must be implemented.
1-G7	The outcome of the investigation carried out under condition 1-G5 and the reasonable and practicable measures implemented under condition 1-G6 must be recorded.
1-G8	Complaints The following details must be recorded for all complaints received and provided to the administering authority upon request: a) date and time the complaint was received; and b) if authorised by the person making the complaint, their name and contact details; and c) nature and details of the complaint.
1-G9	As soon as reasonably practicable but no later than 5 business days after receiving a complaint (or a longer period agreed to in writing by the administering authority), an investigation must be undertaken to determine: a) the potential circumstances and actions on site that may have contributed to the basis of the complaint; and b) reasonable and practicable measures that will be implemented to address the complaint.
1-G10	As soon as reasonably practicable but no later than 5 business days after investigating a complaint under condition 1-G9 (or a longer period agreed to in writing by the administering authority), the reasonable and practicable measures identified in the investigation must be implemented.
1-G11	The outcome of the investigation carried out under condition 1-G9 and the reasonable and practicable measures implemented under condition 1-G10 must be recorded.
1-G12	Environmental risk management procedures Written procedures must be developed and implemented by an appropriately qualified person that ensure: a) all potential risks to the environment from the carrying out of the activity are identified and assessed, including: i) during routine operations; and

	ii) outside routine operations (e.g., maintenance, start up and shut down); and iii) during preparation, rehabilitation, and closure; and iv) in an emergency (e.g., fire, flood or other natural disaster); and b) for each potential risk identified, any necessary measures to prevent or minimise the potential for environmental harm are implemented; and c) staff understand their obligations under this environmental authority and the <i>Environmental Protection Act 1994</i>; and d) environmental risk management procedures are continually reviewed and improved, based on a reasonable risk-management approach.						
1-G13	Plant and equipment An appropriately qualified person must install, operate, calibrate, and maintain the plant and equipment required to carry out the activity (including monitoring devices) in a proper and effective manner.						
1-G14	Records of installation, calibration and maintenance carried out under condition 1-G13 must be kept.						
1-G15	Record keeping Unless otherwise specified by a condition of this environmental authority, records must be: a) kept for the period outlined in <i>Table 1.2 – Record keeping requirements</i>; and b) provided to the administering authority upon request and in the format requested. Table 1.2 – Record keeping requirements <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Description of records</th><th>Retention requirement</th></tr> </thead> <tbody> <tr> <td>Monitoring results</td><td>Retain for 15 years</td></tr> <tr> <td>All other records</td><td>Retain for 5 years</td></tr> </tbody> </table>	Description of records	Retention requirement	Monitoring results	Retain for 15 years	All other records	Retain for 5 years
Description of records	Retention requirement						
Monitoring results	Retain for 15 years						
All other records	Retain for 5 years						
1-G16	Chemical storage Chemicals and fuels in containers of greater than 15 litres must be stored within a secondary containment system.						
1-G17	Monitoring and sampling All monitoring and sampling required by the conditions of this environmental authority must be carried out, interpreted, and recorded by an appropriately qualified person.						
SCHEDULE: AIR							
Condition number	Condition						
1-A1	Odours or airborne contaminants which are noxious or offensive or otherwise unreasonably disruptive to public amenity or safety must not be released to any nuisance sensitive place or commercial place.						
1-A2	The only fuel permitted to be used is landfill gas (biogas).						
1-A3	The release of contaminants from all point sources authorised within this environmental authority must be directed vertically upwards without any impedance or hindrance.						

1-A4	Monitoring must be undertaken for each release authorised under a site specific Part of this environmental authority: a) at the frequency prescribed in a corresponding site specific Part of this environmental authority; and b) for the contaminants specified in a site-specific Part of this environmental authority; and c) when emissions are expected to be representative of normal process operating conditions for the fuel burning plant.
1-A5	Monitoring position for the release points listed in the site specific Part of this environmental authority limits must comply with the latest edition of the Australian Standard AS 4323.1 Stationary source emissions, Method 1: Selection of sampling positions and measurements of velocity in stacks.
1-A6	The following must be recorded for each sample collected in accordance with condition 1-A4: a) gas velocity and volume flow rate; and b) temperature and oxygen content; and c) water vapour concentration; and d) landfill gas generation rate at the time of sampling; and e) any typical factors that may influence air pollutant emissions.
1-A7	Air quality and emission monitoring must be undertaken in accordance with the latest edition of: a) the relevant Australian Standards; or b) a method approved by any other Australian, European or North American jurisdiction/EPAs (if monitoring requirements are not described in the Australian Standards).
1-A8	All landfill gas flares operated under this environmental authority must be enclosed and at ground level and must: a) operate at a minimum temperature of 760°C; and b) achieve gas residence time of greater than 0.6 seconds; or c) achieve a minimum VOC destruction efficiency of 98% under varied gas flow rate and meteorological conditions.
1-A9	The operating temperature and volumetric flow rate of all flares operating under this environmental authority must be monitored continuously while in operation.
1-A10	Air emission monitoring from all landfill gas engines at all authorised sites must be undertaken in accordance with the following timeframes: a) within 3 months of commissioning of any landfill gas engine; b) annually for the first 2 years of operation of any landfill gas engine following the year of commissioning; and c) every 5 years thereafter, subject to compliance with the concentration limits in this environmental authority during the preceding annual monitoring events; and d) if emission monitoring results demonstrate non-compliance with the prescribed limits, the frequency of emission monitoring reverts to annual until two consecutive monitoring events demonstrate compliance with prescribed limits.
SCHEDULE: WATER	
Condition number	Condition
1-WT1	Other than as permitted within this authority, contaminants must not be released from the site to any waters or the bed and banks of any waters.

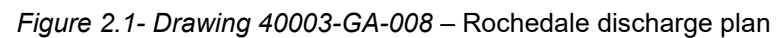
SCHEDULE: LAND	
Condition number	Condition
1-L1	Contaminants must not be released to land.
SCHEDULE: WASTE	
Condition number	Condition
1-W1	All waste generated in carrying out the activity must be lawfully reused, recycled or removed to a facility that can lawfully accept the waste.
SCHEDULE: NOISE	
Condition number	Condition number
1-N1	Noise generated by the activity must not cause environmental nuisance to any sensitive place or commercial place.

Part 2 – Site-specific conditions for ROCHEDALE site

174 Gardner Road Rochedale QLD 4123 - 2/RP844932

In addition to conditions listed in **Part 1**, ERA 15 at Rochedale site must be conducted in accordance with the following site- specific conditions.

SCHEDULE: AIR									
Condition number	Condition								
2-S1	The release of contaminants to the atmosphere must only occur in accordance with <i>Table 2.1 - Rochedale – Air Contaminant Release Limits</i> and <i>Figure 2.1- Drawing 40003-GA-008</i> .								
	Table 2.1- Rochedale – Air Contaminant Release Limits								
	Monitoring Point (as shown in diagram 40003-GA-008)	Minimum release height (metres)	Minimum velocity (m/sec)	Parameter	Maximum Concentration Limit (mg/Nm³)#	Reference Period	Monitoring Frequency		
	GM1A	7.6	8	NO _x	450	Hourly mean	As per condition 1-A10		
	GM2A								
	GM3A								
	GM4A			H ₂ S	5				
	GM5A								
	GM6A							Total VOCs^	40
	GM7A								
	Sulfuric acid mist (H ₂ SO ₄) or sulfur trioxide (SO ₃) or both, as SO ₃ equivalent				100				
NOTE:									
#Reference level: dry, 273K, 101.3kPa, 7% O ₂ .									
^Reported as n-propane equivalent									



Part 3 – Site-specific conditions for SWANBANK site

Blackheath Road Swanbank QLD 4306 - 104/RP839073

In addition to conditions listed in **Part 1**, ERA 15 at Swanbank site must be conducted in accordance with the following site- specific conditions.

SCHEDULE: AIR							
Condition number	Condition						
3-S1	The release of contaminants to the atmosphere must only occur in accordance with the <i>Table 3.1 - Swanbank – Air Contaminant Release Limits</i> and <i>Figure 3.1- Drawing 40005-GA-023</i> .						
	Table 3.1 - Swanbank – Air Contaminant Release Limits						
	Monitoring Point (as identified in Figure: Drawing 40005-GA-020)	Minimum release height (metres)	Minimum velocity (m/sec)	Parameter	Maximum Concentration Limit (mg/Nm ³) [#]	Reference Period	Monitoring Frequency
	GM1A GM2A GM3A	7.6	10	NO _x	450	Hourly mean	As per condition 1-A10
				H ₂ S	5		
				Total VOCs [^]	40		
Sulfuric acid mist (H ₂ SO ₄) or sulfur trioxide (SO ₃) or both, as SO ₃ equivalent				100			
NOTE: [#] Reference level: dry, 273K, 101.3kPa, 7% O ₂ . [^] Reported as n-propane equivalent							

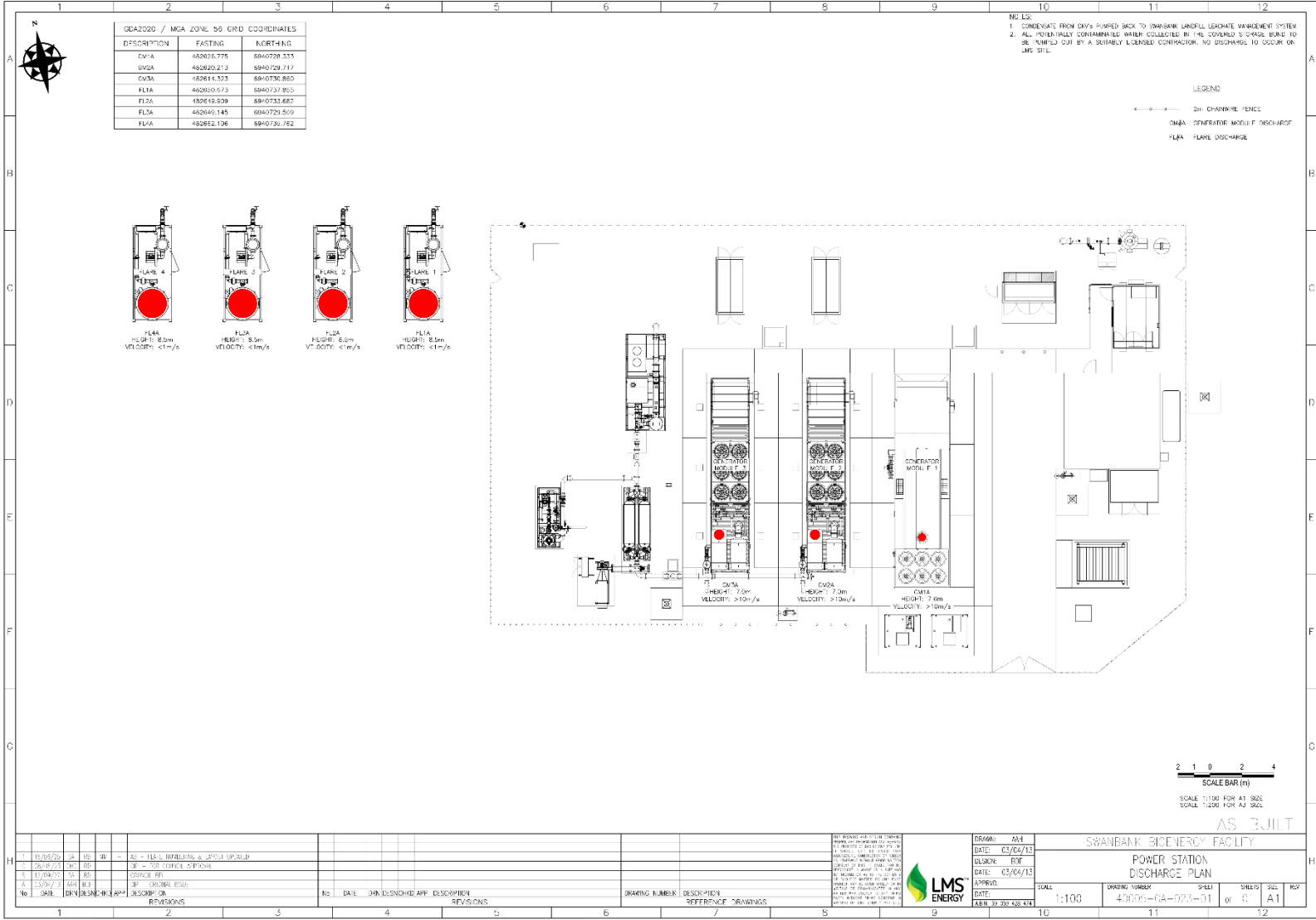


Figure3.1 - Drawing 40005-GA-023 – Swanbank Renewable Energy Facility – Discharge Plan

Part 4 – Site-specific conditions for STAPYLTON site

32 Rossmans Road STAPYLTON QLD 4207 - 1/RP6936

In addition to conditions listed in **Part 1**, ERA 15 at Stapylton site must be conducted in accordance with the following site- specific conditions.

SCHEDULE: AIR																													
Condition number	Condition																												
4-S1	The release of contaminants to the atmosphere from a point source must only occur from those release points identified in <i>Table 4-1. Air Contaminant Release Limits</i> and in <i>Figure 4.1 - Stapylton Renewable Energy Facility, Power Station Discharge Plan 40024-GA-004</i> and must be directed vertically upwards without any impedance or hindrance. Table 4.1 – Air Contaminant Release Limits <table> <tr> <th>Release point number</th><th>Minimum release height (metres)</th><th>Minimum release velocity (m/sec)</th><th>Contaminant release</th><th>Maximum concentration limit (mg/Nm³)[#]</th><th>Reference Period</th><th>Sampling frequency</th></tr> <tr> <td>GM1A</td><td rowspan="4">6.85</td><td rowspan="4">8</td><td>Oxides of nitrogen (NO_x)</td><td>450</td><td rowspan="4">Hourly mean</td><td rowspan="4">As per condition 1-A10</td></tr> <tr> <td>GM2A</td><td>H₂S</td><td>5</td></tr> <tr> <td>GM3A</td><td>Total VOCs</td><td>40</td></tr> <tr> <td>GM4A</td><td>Sulfuric acid mist (H₂SO₄) or sulfur trioxide (SO₃) or both, as SO₃ equivalent</td><td>100</td></tr> </table> NOTE: [#]Reference level: dry, 273K, 101.3kPa, 7% O₂. [^]Reported as n-propane equivalent						Release point number	Minimum release height (metres)	Minimum release velocity (m/sec)	Contaminant release	Maximum concentration limit (mg/Nm ³) [#]	Reference Period	Sampling frequency	GM1A	6.85	8	Oxides of nitrogen (NO _x)	450	Hourly mean	As per condition 1-A10	GM2A	H ₂ S	5	GM3A	Total VOCs	40	GM4A	Sulfuric acid mist (H ₂ SO ₄) or sulfur trioxide (SO ₃) or both, as SO ₃ equivalent	100
Release point number	Minimum release height (metres)	Minimum release velocity (m/sec)	Contaminant release	Maximum concentration limit (mg/Nm ³) [#]	Reference Period	Sampling frequency																							
GM1A	6.85	8	Oxides of nitrogen (NO _x)	450	Hourly mean	As per condition 1-A10																							
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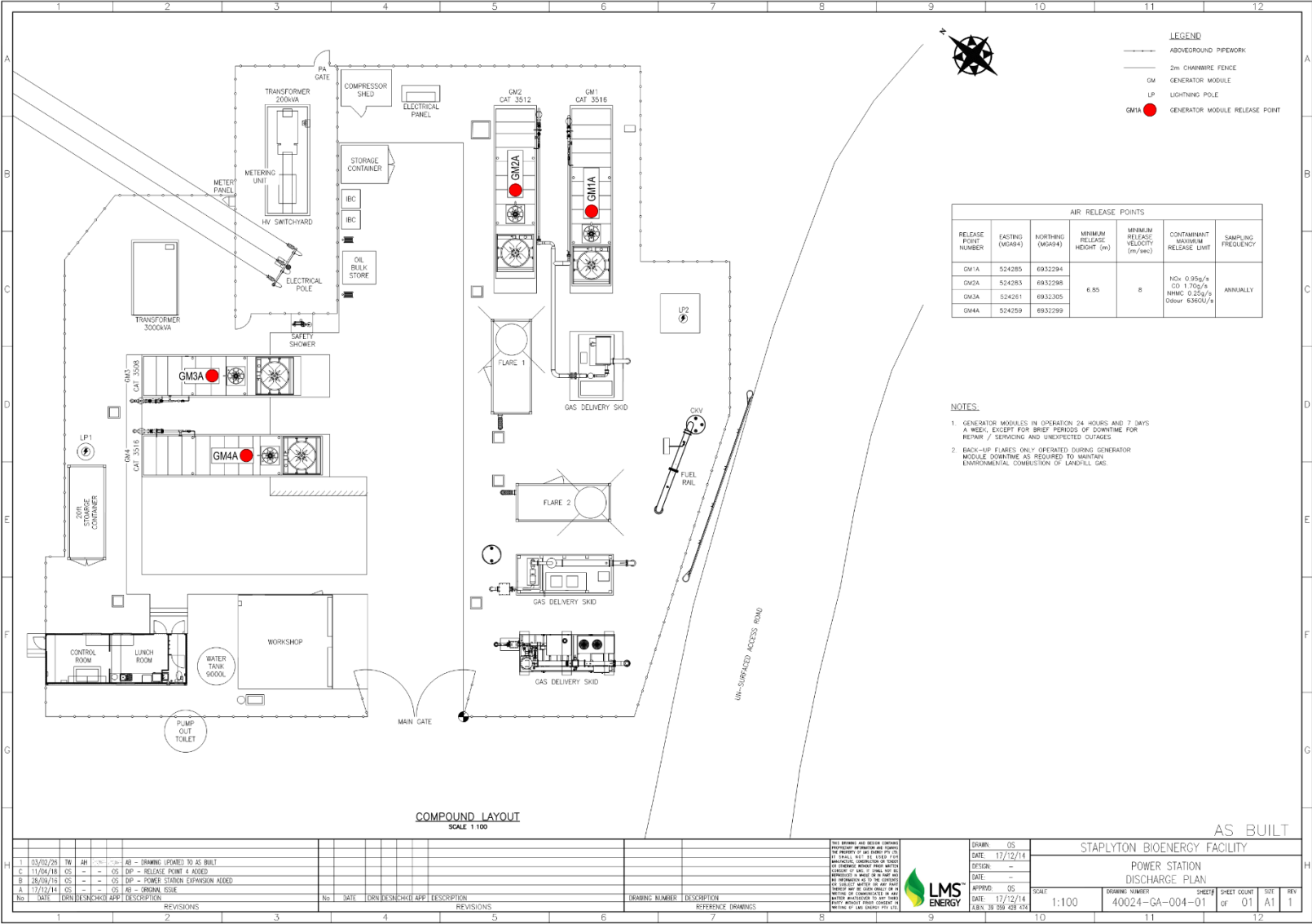


Figure 4.1 - Stapylton Renewable Energy Facility, Power Station Discharge Plan

Part 5 – Site-specific conditions for BLI BLI site

60 Cooney Road Bli Bli QLD 4560 - 2/SP353658

In addition to conditions listed in **Part 1**, ERA 15 at Bli Bli (Nambour) site must be conducted in accordance with the following site- specific conditions.

SCHEDULE: AIR

Condition number	Condition																					
5-A1	Point source emissions of contaminants must only be released to air in accordance with the parameters listed in <i>Table 5.1 – Air Contaminant Release Limits as depicted in Figure 5.1 – Nambour Bioenergy Facility – Power Station Discharge Plan</i>. Table 5.1 - Air Contaminant Release Limits <table><tr><th>Release point and description</th><th>Minimum release height above ground (m)</th><th>Minimum velocity (m/sec)</th><th>Contaminant</th><th>Maximum Concentration Limit (mg/Nm³)[#]</th><th>Monitoring Frequency</th></tr><tr><td>GM1A</td><td>7.0</td><td>32.7</td><td>Oxides of nitrogen (NO_x)</td><td>450</td><td rowspan="4">As per condition 1-A10</td></tr><tr><td rowspan="3">GM2A*</td><td rowspan="3"></td><td rowspan="3">24.5</td><td>H₂S</td><td>5</td></tr><tr><td>Total VOCs^</td><td>40</td></tr><tr><td>Sulfuric acid mist (H₂SO₄) or sulfur trioxide (SO₃) or both, as SO₃ equivalent</td><td>100</td></tr></table>	Release point and description	Minimum release height above ground (m)	Minimum velocity (m/sec)	Contaminant	Maximum Concentration Limit (mg/Nm ³) [#]	Monitoring Frequency	GM1A	7.0	32.7	Oxides of nitrogen (NO _x)	450	As per condition 1-A10	GM2A*		24.5	H ₂ S	5	Total VOCs^	40	Sulfuric acid mist (H ₂ SO ₄) or sulfur trioxide (SO ₃) or both, as SO ₃ equivalent	100
Release point and description	Minimum release height above ground (m)	Minimum velocity (m/sec)	Contaminant	Maximum Concentration Limit (mg/Nm ³) [#]	Monitoring Frequency																	
GM1A	7.0	32.7	Oxides of nitrogen (NO _x)	450	As per condition 1-A10																	
GM2A*		24.5	H ₂ S	5																		
			Total VOCs^	40																		
			Sulfuric acid mist (H ₂ SO ₄) or sulfur trioxide (SO ₃) or both, as SO ₃ equivalent	100																		

***NOTE:** This is a future engine, currently not in operation.

#Reference level: dry, 273K, 101.3kPa, 7% O₂.

^Reported as n-propane equivalent

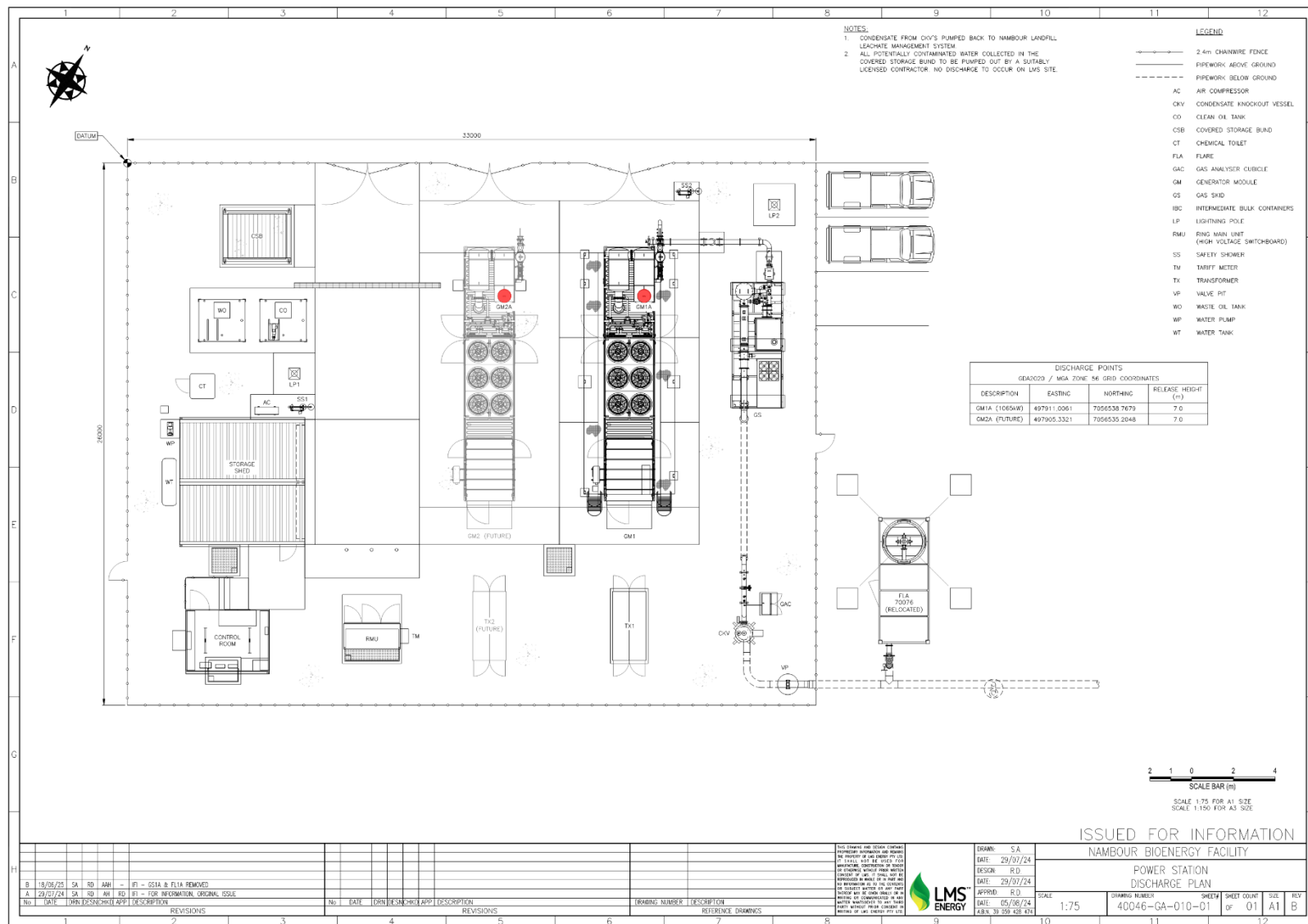


Figure 5.1 – Nambour Bioenergy Facility – Power Station Discharge Plan

Definitions

Key terms and/or phrases used in this document are defined in this section. Where a term is not defined, the definition in the *Environmental Protection Act 1994*, its regulations or environmental protection policies must be used. If a word remains undefined it has its ordinary meaning.

Where a word or phrase in this document is defined in this Schedule or within the document, it has its corresponding meaning. Where a word or phrase in this document is not defined in this Schedule, it has the meaning given to it in (in order of priority):

- the *Environmental Protection Act 1994* (EP Act), its regulations or its environmental protection policies;
- the *Acts Interpretation Act 1954*;
- the Macquarie Dictionary (taking account of the context in which the word or phrase is used in this document).

For example, environmental value, environmental harm, environmental nuisance, material environmental harm, serious environmental harm and relevant act are defined in the EP Act and groundwater is defined in the Environmental Protection Regulation 2019.

Defined words or phrases in the singular include the plural and vice versa.

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

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

Appropriately qualified person(s) means a person or persons who has professional qualifications, training, skills or experience relevant to the nominated subject matter and can give authoritative assessment, advice and analysis to performance relative to the subject matter using the relevant protocols, standards, methods or literature.

Background noise level means either

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

- $L_{A\text{bg},T}$ being the arithmetic average of the minimum readings measure in the absence of the noise under investigation during a representative time period of not less than 15 minutes using Fast response

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.

$L_{A10, \text{adj}, 15\text{mins}}$ means the A-weighted sound pressure level, (adjusted for tonal character and Impulsiveness of the sound) exceeded for 10 percent of any 15-minute measurement period, using Fast response.

$L_{A1, \text{adj}, 15\text{mins}}$ means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 1 percent of any 10-minute measurement period, using Fast response.

$L_{A, \text{max}, \text{adj}, T}$ means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 1 percent of any 10-minute measurement period, using Fast response.

$L_{Aeq, \text{adj}, 15 \text{ mins}}$ means an A-weighted sound pressure level of a continuous steady sound, adjusted for tonal character that within a period of 15 minutes, has the same mean square sound pressure of a sound that varies with time.

Land does not include waters.

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

mg/Nm³ means milligrams per normal cubic meter, a measure of the mass concentration of gaseous pollutants adjusted to "normal" conditions, defined as dry gas at a temperature of 0°C (273.15 K) and an absolute pressure of 101.325 kilopascals (kPa).

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

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

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

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

- a) a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
- b) a motel, hotel or hostel; or
- c) a kindergarten, school, university or other educational institution; or
- d) a medical centre or hospital; or
- e) a protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 2004* or a World Heritage Area; or
- f) a public thoroughfare, park or gardens; or
- g) for noise, a place defined as a sensitive receptor for the purposes of the *Environmental Protection (Noise) Policy 2019*.

Volatile organic compounds (VOC) means any chemical compound that:

- a) is based on carbon chains or rings, and
- b) contains hydrogen, and
- c) has a vapour pressure greater than 2mm of mercury (0.27 kPa) at 25°C and 101.3 kPa, and includes any such compound containing oxygen, nitrogen or other elements, but does not include methane, carbon monoxide, carbon dioxide, carbonic acid, metallic carbides and carbonate salts.

Waters includes any 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.

END OF ENVIRONMENTAL AUTHORITY