Permit

Environmental Protection Act 1994

Environmental authority EPPR01171913

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

Environmental authority number: EPPR01171913

Environmental authority takes effect on 11 July 2017

Environmental authority holder(s)

Name(s)	Registered address
DEPARTMENT OF EDUCATION AND TRAINING	Asset Maintenance Unit 30 Mary Street BRISBANE CITY QLD 4000

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
Prescribed ERA, ERA 63 - Sewage Treatment, 1: Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of, (a-i) 21 to 100EP if treated effluent is discharged from the works to an infiltration trench or through an irrigation scheme	Lot 1/EP804241

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.

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

Take effect

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

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

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

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

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

Christine Mooney
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Date issued: 11 July 2017

Enquiries:
Heritage, Utilities and Government Assessment
Department of Environment and Heritage Protection
Phone: 1300 130 372
Email: palm@ehp.qld.gov.au

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)

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Legislative Requirements and Conditions of Environmental Authority

Condition

General

PMG007	Any breach of a condition of this environmental authority must be reported to the administering authority as soon as practicable within 24 hours of becoming aware of the breach. Records must be kept including full details of the breach and any subsequent actions taken.
PMG008	All reasonable and practicable measures must be taken to prevent or minimise environmental harm caused by the activities.
PMG009	When required by the administering authority, monitoring must be undertaken in the manner prescribed by the administering authority to investigate a complaint of environmental nuisance arising from the activity. The monitoring results must be provided within 10 business days to the administering authority upon its request.
PMG10(a)	Activities conducted under this approval must not be conducted contrary to any of the following limitations: a) The total daily treatment design capacity of the Bluewater State School sewage treatment plant must not exceed 50 equivalent persons (EP). b) Treated effluent must be disposed of via the sub surface Advanced Enviro-Septic (AES) infiltration beds; and c) The AES infiltration beds for each AES system must be located in the designated Areas depicted in: Attachment 1, Bluewater State School Proposed Sewage Upgrade “Concept Layout,” by Macs Plumbing and Pipelines; and Attachment 2, Land Application Plan Area on pages10,11 of the document “Wastewater Management System” for the Department of Housing and Public Works dated May 17 V4.doc.
PMG011(a)	All analyses required under this environmental authority must be carried out by a laboratory that has National Association of Testing Authorities (**NATA**) certification, or an equivalent certification, for such analyses.
PMG012	A receiving environment monitoring program must be designed and implemented by an appropriately qualified person(s) to monitor the effects of the activity on land.
PMG013(a)	The receiving environment monitoring program required by condition PMG012, must include at least the following: a) be undertaken annually; b) monitor the capacity of the effluent disposal area to sustainably assimilate nutrient loads arising from the release of treated effluent from the sewage treatment works; c) include soil samples taken within 1 metere of the AES beds and at the depth of the base of the AES bed; d) soil and sub-soil analysis, including assessment of the soils from a reference and representative locations, including type, structure, pH, phosphorus adsorption level and capacity, nutrient status, salinity and sodicity, and cation exchange capacity for the release areas; e) ensure the water balance of the soil within, and in the immediate vicinity of the effluent disposal area, is not adversely affected by the disposal of treated effluent;

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f) ensure vegetation is not damaged by the disposal of effluent;
g) establish an inspection regime to ensure no surface ponding of effluent occurs from the disposal of effluent;
h) ensure no migration of effluent beyond the area designated for the release of treated effluent.
i) report the monitoring results and an assessment of the impact of the effluent releases to land.

PMG014 Other than as permitted by this environmental authority, the release of a contaminant into the environment must not occur.

PMG015 An appropriately qualified person(s) must monitor, record and interpret all parameters that are required to be monitored by this environmental authority and in the manner specified by this environmental authority.

PMG017 The activity must be undertaken in accordance with written procedures that:
1. identify potential risks to the environment from the activity during routine operations, closure and an emergency
2. establish and maintain control measures that minimise the potential for environmental harm
3. ensure plant, equipment and measures are maintained in a proper and effective condition
4. ensure plant, equipment and measures are operated in a proper and effective manner
5. ensure that staff are trained in and aware of their obligations under *the Environmental Protection Act 1994*
6. ensure that reviews of environmental performance are undertaken at least annually.

PMG018 All information and records required by the conditions of this environmental authority must be kept for a minimum of five years with the exception of environmental monitoring results which must be kept until surrender of this environmental authority. All information and records required by the conditions of this environmental authority must be provided to the administering authority upon request and in the format requested.

PMG020 You must record the following details of all environmental complaints received:
1. date and time the complaint was received
2. name and contact details of the complainant when provided and authorised by the complainant
3. nature of the complaint
4. investigation undertaken
5. conclusions formed
6. actions taken.

PMG025 An annual monitoring report must be prepared and submitted to the administering authority by 30 November each year, for the preceding financial year.

PSG013 (S) All waste generated in carrying out the activity must be reused, recycled or lawfully disposed of offsite.

Acoustic

PMN001 Noise generated by the activity must not cause environmental nuisance to any sensitive place or commercial place.

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Air

PSA008 (S) The operator must ensure that the release of odours or airborne contaminants resulting from the activity do not cause environmental nuisance at a nuisance sensitive place or commercial place.

Land

PML015 When weather conditions or soil conditions preclude the release of treated sewage effluent to land, effluent must not be irrigated to land.

Definition

PD077 Activity means the environmentally relevant activities, whether resource activities or prescribed activities, to which the environmental authority relates.

PD078 Administering authority means the Department of Environment and Heritage Protection or its successors or predecessors.

PD085 Appropriately qualified person(s) means a person or persons who has professional qualifications, training, skills and experience relevant to the EA requirement and can give authoritative assessment, advice and analysis in relation to the EA requirement using the relevant protocols, standards, methods or literature.

PD099 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.

PD123 Environmental nuisance as defined in Chapter 1 of the Environmental Protection Act 1994.

PD136 Land does not include waters.

PD144 Measures have the broadest interpretation and include plant, equipment, physical objects, monitoring, procedures, actions, directions and competency.

PD147 NATA means National Association of Testing Authorities.

PD161 Receiving environment monitoring program means a monitoring program designed to monitor and assess the potential impacts of controlled and/or uncontrolled releases of contaminants to the environment from the activity.

PD163 Records include breach notifications, written procedures, analysis results, monitoring reports and monitoring programs required under a condition of this authority.

PD167 Release of a contaminant into the environment means to:
(a) deposit, discharge, emit or disturb the contaminant
(b) cause or allow the contaminant to be deposited, discharged, emitted or disturbed
(c) fail to prevent the contaminant from being deposited, discharged emitted or disturbed
(d) allow the contaminant to escape
(e) fail to prevent the contaminant from escaping.

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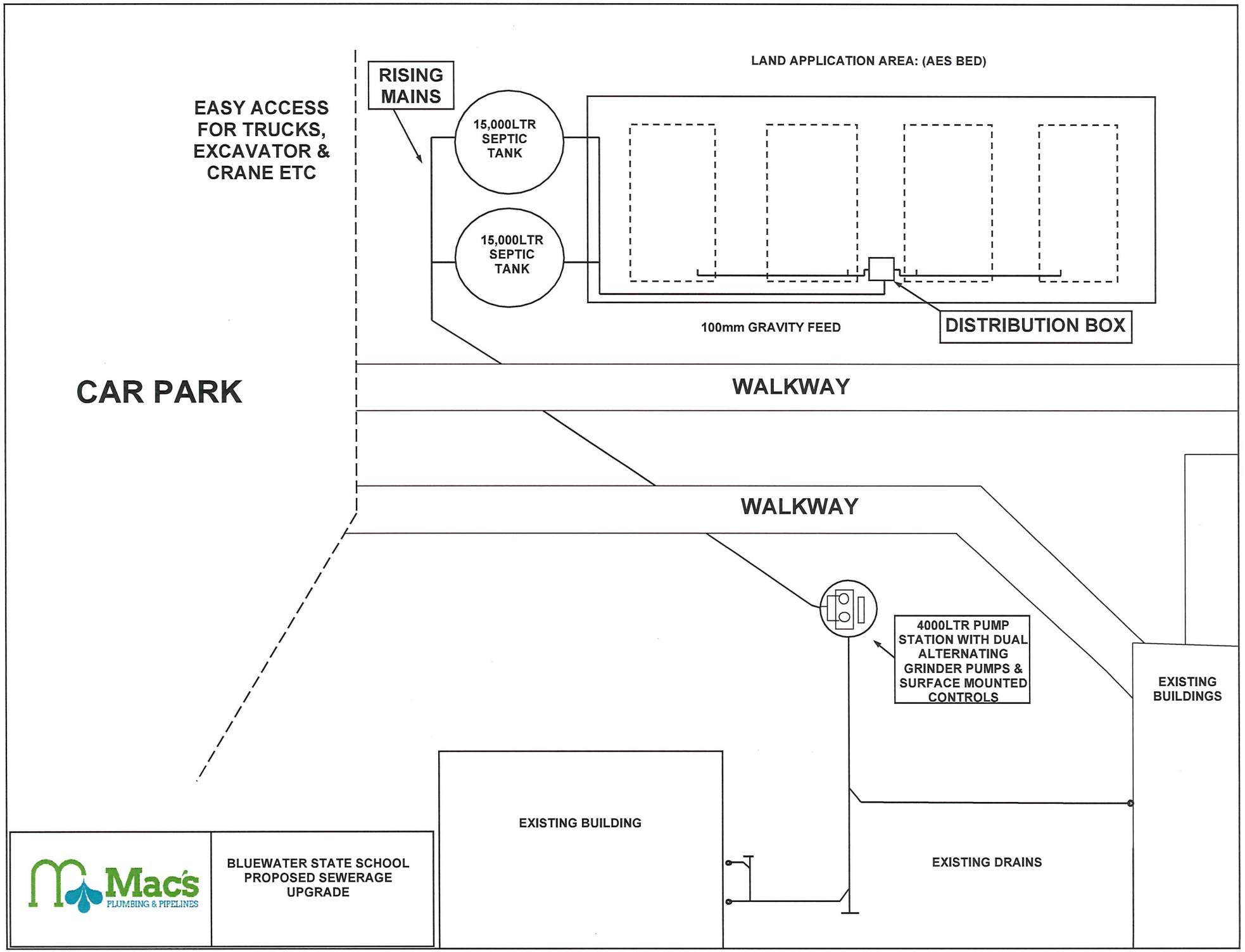
PD176 Sensitive place includes the following and includes a place within the curtilage of such a place reasonably used by persons at that place:
1. a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
2. a motel, hotel or hostel; or
3. a kindergarten, school, university or other educational institution; or
4. a medical centre or hospital; or
5. a protected area under the Nature Conservation Act 1992, the Marine Parks Act 2004 or a World Heritage Area; or
6. a public park or garden; or
7. for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2008.

PD199 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.

PD202 You means the holder of the environmental authority.

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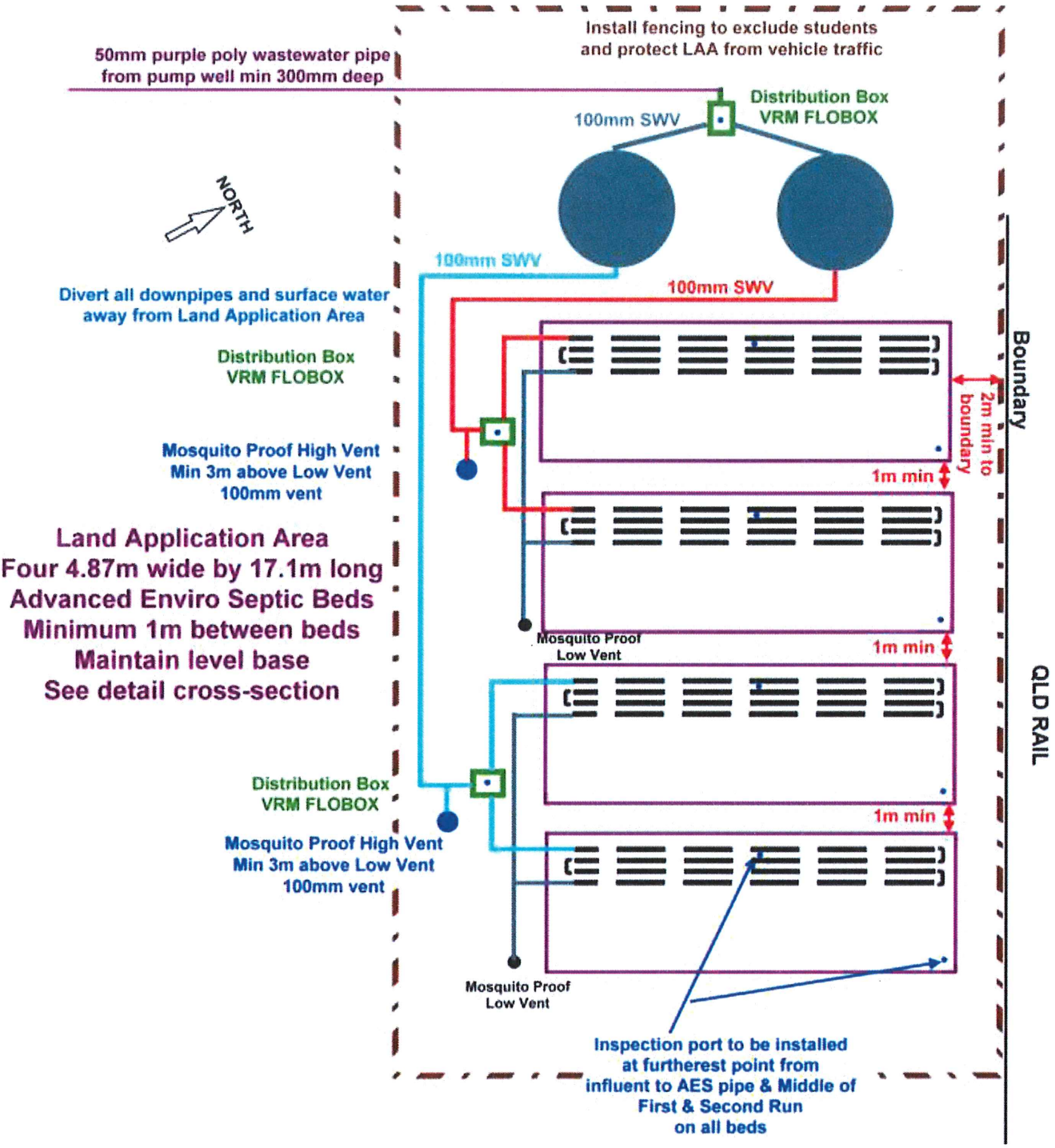
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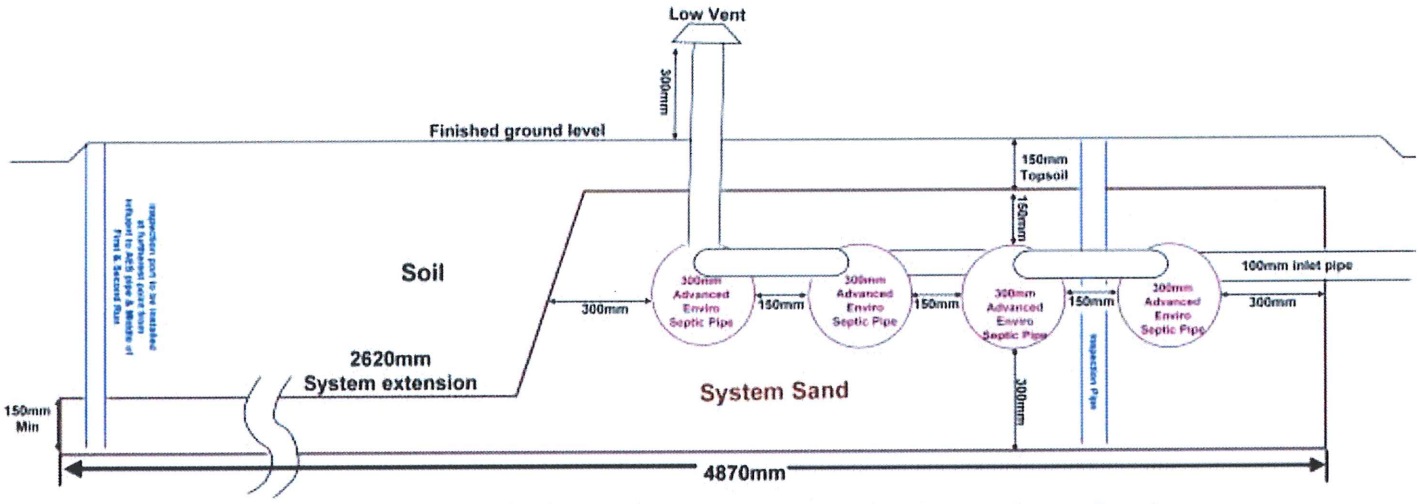

LAND APPLICATION AREA: (AES BED)
RISING MAINS
EASY ACCESS FOR TRUCKS, EXCAVATOR & CRANE ETC
15,000LTR SEPTIC TANK
15,000LTR SEPTIC TANK
100mm GRAVITY FEED
DISTRIBUTION BOX
CAR PARK
WALKWAY
WALKWAY
4000LTR PUMP STATION WITH DUAL ALTERNATING GRINDER PUMPS & SURFACE MOUNTED CONTROLS
EXISTING BUILDINGS
EXISTING BUILDING
EXISTING DRAINS
Mac's PLUMBING & PIPELINES
BLUEWATER STATE SCHOOL PROPOSED SEWERAGE UPGRADE

Land Application Area PLAN

Bluewater State School

Not to Scale.





4870mm Wide Four Pipe Advanced Enviro-Septic Cross-Section

Base must be scarrified 200mm deep. Parallel to AES Pipes

