Permit

Environmental Protection Act 1994

Environmental Authority

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

Environmental authority number: P-EA-101044656

Environmental authority takes effect on 13 February 2031.

The first annual fee is payable within 20 business days of the take effect date.

The anniversary date of this environmental authority is the same day each year as the take effect date.

Environmental authority holder

Name	Registered address
Kimberly College Ltd	41 Kruger Road Carbrook QLD 4130

Environmentally relevant activity and location details

Environmentally relevant activity	Location
ERA 63 - Sewage Treatment - 1(b)(i) - operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1,500EP if treated effluent is discharged from the works to an infiltration trench or through an irrigation scheme	Lot 2 on RP115960 and Lot 3 on RP115960.

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).

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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:

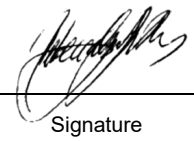
(a) if the authority is for a resource activity—the day the relevant tenure is granted to the applicant; or

(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.

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

08/09/2026

Date

Rebecca Griffiths

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

Enquiries:

Industry and Development Business Centre
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.

Development approval

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

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

Environmentally relevant activity	Location
ERA 63 - Sewage Treatment - 1(b)(i) - operating sewage treatment works, other than no-release works, with a total daily peak design capacity of more than 100 but not more than 1,500EP if treated effluent is discharged from the works to an infiltration trench or through an irrigation scheme	Lot 2 on RP115960 and Lot 3 on RP115960.

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

Agency interest: General	
Condition number	**Condition**
G1.0	Inflows into the sewage treatment plant must not exceed 30,000 litres on any **day**.
G2.0	An Annual Monitoring Report must be prepared by 30 November each year, for the preceding financial year, and provided to the **administering authority** upon request.
G3.0	All reasonable and practicable **measures** must be taken to prevent or minimise environmental harm caused, or likely to be caused, by the **activity**.
G3.1	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 *Environmental Protection Act 1994*.
G4.0	**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.
G4.1	As soon as reasonably practicable but no later than 20 **business days** of a report made under condition G4.0 (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) the environmental impact of the contravention; and

	c) reasonable and practicable **measures** that will be implemented to address the cause of the contravention to prevent future contraventions of this nature.
G4.2	As soon as reasonably practicable but no later than 20 **business days** of investigating a contravention under condition G4.1 (or a longer period agreed to in writing by the **administering authority**), the reasonable and practicable **measures** identified in the investigation must be implemented.
G4.3	The outcome of the investigation carried out under condition G4.1 and the reasonable and practicable **measures** implemented under condition G4.2 must be recorded.
G5.0	**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.
G5.1	As soon as reasonably practicable but no later than 5 **business days** of 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.
G5.2	As soon as reasonably practicable but no later than 5 **business days** of investigating a complaint under condition G5.1 (or a longer period agreed to in writing by the **administering authority**), the reasonable and practicable **measures** identified in the investigation must be implemented.
G5.3	The outcome of the investigation carried out under condition G5.1 and the reasonable and practicable **measures** implemented under condition G5.2 must be recorded.
G6.0	**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 *Environmental Protection Act 1994*; and d) environmental risk management procedures are continually reviewed and improved, based on a reasonable risk-management approach.

<table>
<tr><td>G7.0</td><td>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.</td></tr>
<tr><td>G7.1</td><td>Records of installation, calibration and maintenance carried out under condition G7.0 must be kept.</td></tr>
<tr><td>G8.0</td><td>Record keeping

Unless otherwise specified by a condition of this environmental authority, records must be:

a) kept for the period outlined in Table 1 – Record keeping requirements; and
b) provided to the administering authority upon request and in the format requested.

Table 1 – Record keeping requirements
<table><tr><th>Description of records</th><th>Retention requirement</th></tr><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></table></td></tr>
<tr><td>G9.0</td><td>Chemical storage

Chemicals and fuels in containers of greater than 15 litres must be stored within a secondary containment system.</td></tr>
<tr><td>G10.0</td><td>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.</td></tr>
<tr><td>G10.1</td><td>Unless otherwise authorised in writing by the administering authority, all laboratory analyses required under this environmental authority must be carried out by a laboratory that has National Association of Testing Authorities (NATA) accreditation for such analyses.

The only exception to this condition is for in situ monitoring of pH and electrical conductivity.</td></tr>
<tr><td>G11.0</td><td>Other than as permitted by this environmental authority, the release of a contaminant into the environment must not occur.</td></tr>
<tr><td colspan="2">Schedule: Air</td></tr>
<tr><td>A1.0</td><td>Odours or airborne contaminants from the activity must not cause environmental nuisance to any sensitive place or commercial place.</td></tr>
<tr><td>A2.0</td><td>Effluent spray must not move beyond the Effluent Disposal Areas.</td></tr>
<tr><td>A3.0</td><td>Warning signs must be installed and maintained at all land application areas within the Effluent Disposal Areas with clearly visible wording that states ‘Recycled Water – Avoid Contact – Do Not Drink’.</td></tr>
<tr><td>A4.0</td><td>Effluent must only be irrigated to the Effluent Disposal Areas via coarse droplet sprinklers with a low throw height.</td></tr>
</table>

A5.0	**Effluent** must only be released to **land** outside of school occupancy periods which includes 6am-6pm during weekdays.
Schedule: Noise	
N1.0	Noise from the **activity** must not cause environmental nuisance at any **sensitive place** or **commercial place**.
Schedule: Waste	
W1.0	All waste must be lawfully reused, recycled or removed to a facility that can lawfully accept the waste.
W2.0	Written procedures must be developed and implemented which identify **measures** to ensure that fluctuations in inflow rates to the sewage treatment plant throughout the year do not adversely impact the ability of the sewage treatment plant to treat sewage.
Schedule: Land	
L1.0	The only contaminants authorised to be released to **land** is **effluent** generated by the **activity**, which must only be released to the **Effluent Disposal Areas** shown in *Appendix 1 – Site Plans*, *Figure 2 – Northern Effluent Disposal Area* and *Figure 3 – Southern Effluent Disposal Area*.
L1.1	**Effluent** generated by the **activity** must only be released to the **Effluent Disposal Areas** when the following requirements are complied with: a) the release limits for each quality characteristic are complied with at the **monitoring** locations as specified in *Table 2 – Contaminant limits for releases to land*; and b) releases are **monitored** at all **monitoring** locations and at the minimum **monitoring** frequency for each quality characteristic specified in *Table 2 – Contaminant limits for releases to land*.

Table 2 – Contaminant limits for releases to land

Monitoring location	Quality characteristic (units)	Release limits			Minimum monitoring frequency
		Minimum	Mean	Maximum	
Effluent tank outlet located at latitude -27.68051 and longitude 153.23732 (GDA 2020).	Irrigation volume (L/**day**) – Northern **Effluent Disposal Area**	-	-	10,900	Daily
	Irrigation rate (mm/**day**) – Northern **Effluent Disposal Area**	-	-	1	Daily
	Irrigation volume (L/**day**) – Southern **Effluent Disposal Area**	-	-	19,100	Daily
	Irrigation rate (mm/**day**) – Southern **Effluent Disposal Area**	-	-	2.1	Daily
	Escherichia coli (E.coli) (cfu/100mL)	-	-	10	Monthly
	Total Nitrogen TN (mg/L as N)	-	40	60	Monthly
	Total Phosphorus TP (mg/L as P)	-	20	30	Monthly
	pH (pH units)	6.5	-	8.5	Quarterly
	Electrical Conductivity (EC) (µS/cm)	-	-	1,600	Quarterly

L1.2 **Monitoring** required by condition L1.1 must be undertaken when **effluent** is being disposed, unless **effluent** disposal has ceased for longer than the relevant parameters specified minimum frequency (e.g., if pH was only required to be **monitored** once a week, then a pH sample would not be required after the first week following cessation of the release).

L1.3 The irrigation rate **monitoring** required by condition L1.1 must be calculated based on the total area of each **Effluent Disposal Area** irrigated on that **day**, and the actual volume of **effluent** irrigated to each **Effluent Disposal Area** on that same **day**.

L1.4 **Mean** calculations required by condition L1.1 must be taken as a Long-Term Rolling Limit, meaning a limit applied to consecutive **monitoring** results taken over a 12-month period (on a rolling basis for limit calculations) when **monitored** at the minimum frequency specified in *Table 2 – Contaminant limits for releases to land*.

L1.5	Volume **monitoring** required by condition L1.1 and G1.0 must be undertaken using a flow meter.
L1.6	The **Effluent Disposal Areas** must have a combined minimum surface area of 2 Hectares, which must include 1.09 Hectares at the Northern **Effluent Disposal Area**, and 0.91 Hectares at the Southern **Effluent Disposal Area**.
L2.0	**Effluent** must be released to **land** under a **fixed irrigation strategy**.
L3.0	All organic material removed from vegetation growing in the **Effluent Disposal Areas** must be transported and disposed of in an area other than in the **Effluent Disposal Areas**.
L4.0	Wet weather storage, with a minimum storage capacity of 150,000 litres, must be installed and maintained on the **site** for the storage of **effluent**.
L4.1	Flow equalisation tanks, with a minimum storage capacity of 120,000 litres, must be installed and maintained on the **site** to ensure compliance with condition G1.0.
L4.2	Wet weather storage and flow equalisation tanks required by condition L4.0 and L4.1 must be fitted with high level alarms.
L4.3	Wet weather storage and flow equalisation tanks required by condition L4.0 and L4.1 must be: a) completely enclosed from rainfall ingress; and b) fenced to prevent public access.
L5.0	Ponding of **effluent** within the **Effluent Disposal Areas** must not occur.
L6.0	**Effluent** must not run off to areas beyond the **Effluent Disposal Areas**.
L7.0	Soil structure must not be degraded as a result of the **activity**.
L8.0	The **Effluent Disposal Areas** must be maintained with appropriate vegetation in a **viable state**.
L9.0	**Vegetation Monitoring Program** By 15 May 2031, a Vegetation Monitoring Program (VMP) must be: a) designed and implemented by an **appropriately qualified person** to monitor the effects of the **activity** on the vegetation within the **Effluent Disposal Areas**; and b) reviewed annually by an **appropriately qualified person** and certified as being appropriate to monitor the effects of the **activity** on the vegetation within the **Effluent Disposal Areas**.
L9.1	The VMP required by condition L9.0 must include quarterly **monitoring** that includes: a) visual **monitoring** of vegetation within the **Effluent Disposal Areas**; and b) representative photographs of vegetation within the **Effluent Disposal Areas**; and c) a calculation of the total percentage of vegetation cover observed to be in a **viable state** over the Southern **Effluent Disposal Area**; and d) a description of the vegetation composition, density, and proportion observed to be in a **viable state** over the Northern **Effluent Disposal Area**; and e) a comparison of results of the **monitoring** undertaken with previous **monitoring**, including photos and graphical representations showing relevant limits and trends.

L9.2	If an observation made under the VMP demonstrates that either; a) there is an adverse effect to the percentage of vegetation cover in a **viable state** within the Southern **Effluent Disposal Area** such that it is calculated to be below 85%; or b) there is an adverse effect to the vegetation composition, density, or proportion in a **viable state** within the Northern **Effluent Disposal Area** such that the overall health of the regional ecosystem is impacted; Then you must: a) within 20 **business days** of the observation being made, recommended action(s) to address the adverse effect must be prepared by an **appropriately qualified person**; and b) within 20 **business days** of receiving those recommended action(s), you must commence implementing the recommended action(s), or a different timeframe for taking such action(s) agreed to in writing by the **administering authority**.
L9.3	The VMP must be submitted to the **administering authority** upon request and within a timeframe specified (which must not be less than 1 **business day**) by the **administering authority**.
L9.4	Any comments made by the **administering authority** on the VMP must be addressed to the reasonable satisfaction of the **administering authority** and within a timeframe (which must not be less than 5 **business days**) specified by the **administering authority**.
L9.5	A report summarising the results of the VMP (VMP Report) must be prepared by an **appropriately qualified person** and submitted to the **administering authority** with the Annual Monitoring Report as required under condition G2.0.
L9.6	The VMP Report required by L9.5 must include: a) a summary of the previous 12 months **monitoring** data obtained under the VMP; and b) an evaluation of all relevant data obtained under the VMP, including all relevant historical data and any data trends; and c) a description of all actions taken to improve the **viable state** of vegetation in the **Effluent Disposal Areas** in response to a requirement under condition L9.2.
L10.0	**Land Monitoring Program** By 15 May 2031 a Land Monitoring Program (LMP) must be: a) designed and implemented by an **appropriately qualified person** to **monitor** the effects of the **activity** on **land**; and b) reviewed annually by an **appropriately qualified person** and certified as being appropriate to **monitor** the effects of the **activity** on **land**.

L10.1 The LMP required by condition L10.0 must include:

a) taking soil samples at a soil depth range of 0-30cm and 30-60cm from **monitoring** locations specified in *Table L2 – Land Monitoring Plan*; and
b) **monitoring** at the **monitoring** location, and at the minimum **monitoring** frequency, and for the quality characteristics specified in *Table L2 – Land Monitoring Plan*.

Table 3 – Land Monitoring Plan

Monitoring location	Quality characteristic (units)	Minimum monitoring frequency
At least one reference location, and representative locations within the **Effluent Disposal Areas**.	Soil texture class	Once within the first 2 years after this environmental authority takes effect.
	Soil hydraulic conductivity (Ksat) (mm/hr)	
	Emerson aggregate stability test	Once within the first 2 years after this environmental authority takes effect and once every 2 years thereafter.
	pH (pH units)	
	Total kjeldahl nitrogen (mg/kg)	
	Nitrate (mg/kg)	
	Colwell phosphorus (mg/kg)	
	Electrical Conductivity (EC) (µS/cm)	
	Exchangeable sodium percentage (%)	
	Phosphorus Buffering Index (PBI)	

L10.2 The LMP required by condition L10.0 must include observations recorded at the time soil samples are taken, that record the extent to which there is evidence of:

a) **effluent** disposal induced surface runoff occurring to areas outside the **Effluent Disposal Areas**; and
b) surface ponding of **effluent** occurring.

L10.3 The LMP required by condition L10.0 must include:

a) the development of trigger values; and
b) the development of management actions to mitigate any adverse impacts caused, or likely to be caused, by the **activity**; and
c) the implementation of the management actions if an LMP trigger value is reached.

L10.4 The LMP required by condition L10.0 must be submitted to the **administering authority** upon request, and within a timeframe (which must be at least 1 **business day**) specified by the **administering authority**.

L10.5 Any comments made by the **administering authority** on the LMP must be addressed to the reasonable satisfaction of the **administering authority**, and within a timeframe (which must be at least 5 **business days**) specified by the **administering authority**.

L10.6	A report summarising the results of the LMP (LMP Report) must be prepared by an **appropriately qualified person** and submitted to the **administering authority** with the Annual Monitoring Report as required under G2.0.
L10.7	The LMP Report required by condition L10.6 must include: a) a summary of the **monitoring** data obtained under the LMP in the relevant financial year; and b) an evaluation of all relevant data obtained under the LMP, and include graphical representations showing all relevant historical data and a comparison of data trends against LMP trigger values; and c) a description of all actions taken to minimise the environmental risk in response to information obtained through the LMP, including actions taken where trigger values in the LMP were reached; and d) the results of those management actions.
L10.8	The LMP Report required by condition L10.6 must include analysis and interpretation of monitoring results by an **appropriately qualified person** that determines: a) the ongoing capacity of the **Effluent Disposal Areas** to sustainably receive contaminant releases from the **activity**, including but not limited to the capacity of the **Effluent Disposal Areas** to sustainably adsorb nutrient loads from the **activity**; and b) whether the **Effluent Disposal Areas** are sufficient in size for the volume of **effluent** disposed of to **land**; and c) whether contaminants generated by the **activity** have migrated beyond the **Effluent Disposal Areas**; and d) how the soil in the **Effluent Disposal Areas** has been impacted by the **activity**.
L10.9	The LMP Report required by condition L10.6 must include recommended action(s) to mitigate any adverse impacts caused, or likely to be caused, by the **activity** in respect of contaminant releases to **land**.
L10.10	Any action(s) recommended under condition L10.9 in the LMP Report must be undertaken: a) as soon as practicable, but no later than 10 **business days** after receiving the LMP Report; or b) another period agreed to in writing by the **administering authority**.
L11.0	Treatment and management of acid sulfate soils must comply with the latest edition of the Queensland Acid Sulfate Soil Technical Manual.
Schedule: Water	
WT1.0	Contaminants must not be released to any **waters**.
WT2.0	Suitable banks and/or diversion drains must be installed and maintained to exclude excess stormwater runoff from entering the **Effluent Disposal Areas** or any structure used for the storage or treatment of contaminants or wastes.

Definitions

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

1. in the *Environmental Protection Act 1994*, its regulations or environmental protection policies;
2. the *Acts Interpretation Act 1954*;
3. 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**, and **material environmental harm** are defined in the EP Act and **groundwater** is defined in the *Environmental Protection Regulation 2019*. Additionally, **person** is described by the *Acts Interpretation Act 1954*.

Activity means the environmentally relevant activity to which the environmental authority relates. An activity may be undertaken on the whole or a part of a site.

Administering authority means the Chief Executive administering the *Environmental Protection Act 1994*.

Appropriately qualified person means a person who has professional qualifications, training, skills or experience relevant to the environmental authority requirements and can give authoritative assessment, advice and analysis in relation to the environmental authority requirements using the relevant protocols, standards, methods or literature.

Business days means:

a) a day that does not occur during the period starting on 20 December in a year and ending 5 January in the following year; or
b) a day that is not a Saturday or Sunday; or
c) a day that is not a public holiday, special holiday or bank holiday in the place in which any relevant act is to be or may be done.

Commercial place means a place, or part of a place, used as a workplace, an office or for business or commercial purposes

Day means any 24-hour period of a calendar day.

Effluent means the liquid fraction of treated sewage.

Effluent Disposal Areas mean the land application areas identified as '*Northern Effluent Disposal Area*' and '*Southern Effluent Disposal Area*' within *Appendix 1 – Site Plans*, *Figure 2 – Northern Effluent Disposal Area* and *Figure 3 – Southern Effluent Disposal Area*.

Fixed irrigation strategy means, when irrigating effluent to land, it is undertaken at a predetermined amount and regular interval irrespective of rainfall patterns. A fixed irrigation strategy may incorporate irrigating land application areas on a rotational basis.

Land means land excluding **waters** and the atmosphere.

Mean is the sum of a collection of numbers divided by the count of numbers in the collection. E.g., (n1+n2+n3)/3.

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

Monitor, **monitored** and **monitoring** means monitoring the impact of an activity on the receiving environment and includes analysing, assessing, examining, inspecting, measuring, modelling or reporting any of the following matters –

a) the quantity, quality, characteristics, timing and variability of the release of any contaminant; and
b) the effectiveness of any control measure; and
c) the characteristics of, and impact on, the receiving environment; and
d) the effectiveness of remedial or rehabilitation measures (if applicable to the relevant monitoring requirement).

Records include any written procedures, plans, monitoring results, and monitoring programs required under a condition of this environmental authority.

Release of a contaminant into the environment means to:

a) deposit, discharge, emit or disturb the contaminant; or
b) cause or allow the contaminant to be deposited, discharged, emitted or disturbed; or
c) fail to prevent the contaminant from being deposited, discharged, emitted or disturbed; or
d) allow the contaminant to escape; or
e) fail to prevent the contaminant from escaping.

Secondary containment system means a system designed, installed and operated to prevent any release of contaminants from the system, or containers within the system.

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 park or gardens; or
g) for noise, a place defined as a sensitive receptor for the purposes of the *Environmental Protection (Noise) Policy 2008*.

Site means the area of land identified as being approved for the carrying out of the activity as per *Appendix 1 – Site Plans* of this environmental authority.

Total Nitrogen (TN) means the sum of Organic Nitrogen, Ammonia Nitrogen, Nitrite plus Nitrate Nitrogen, expressed as mg/L as Nitrogen. This includes both the inorganic and organic fraction of nitrogen.

Total Phosphorus (TP) means the sum of the reactive phosphorus, acid-hydrolysable phosphorus and organic phosphorus, as mg/L of Phosphorus. This includes both the inorganic and organic fraction of phosphorus.

Viable state means able to live and grow.

Waters includes a 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.

Appendix 1 – Site Plans

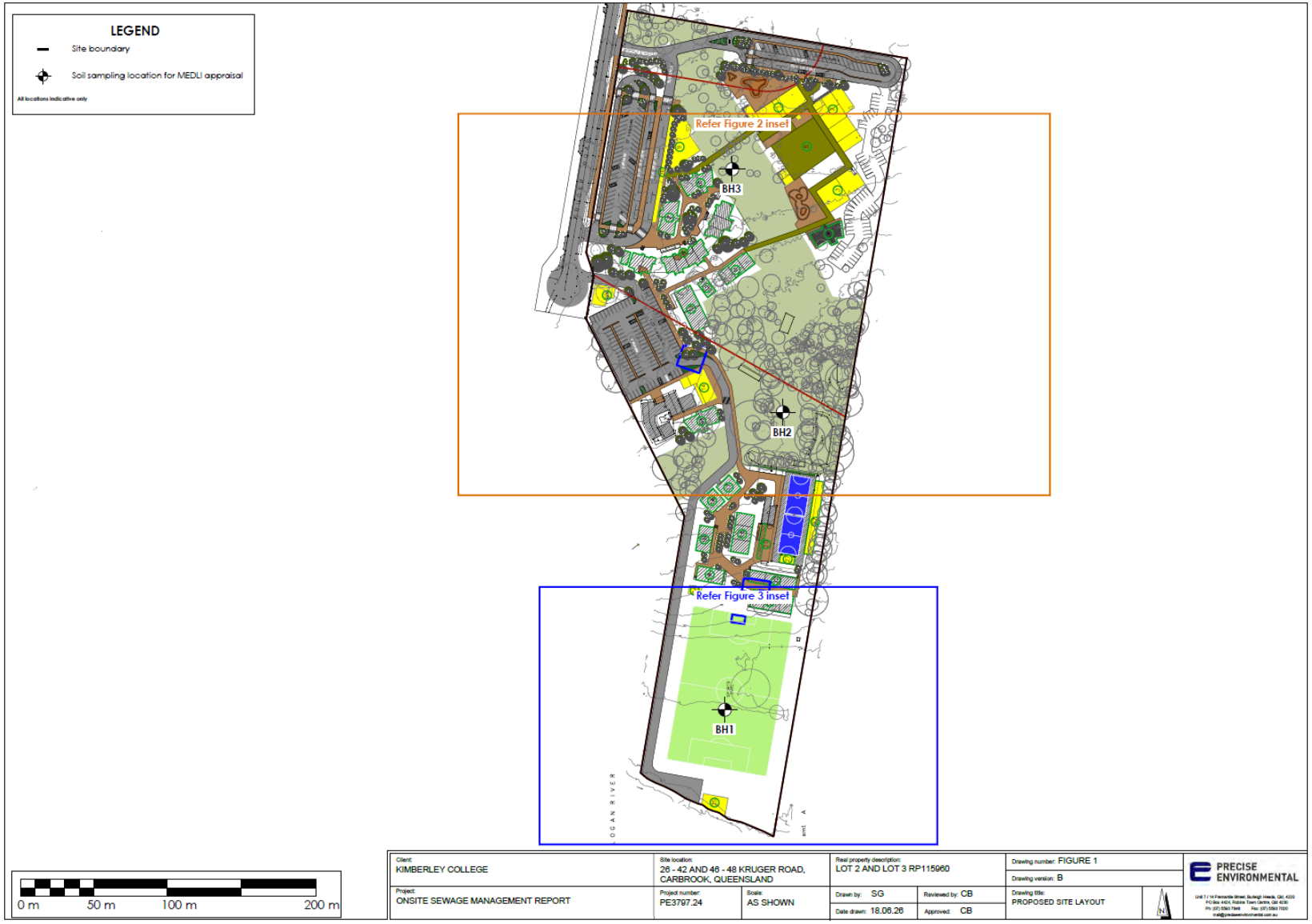
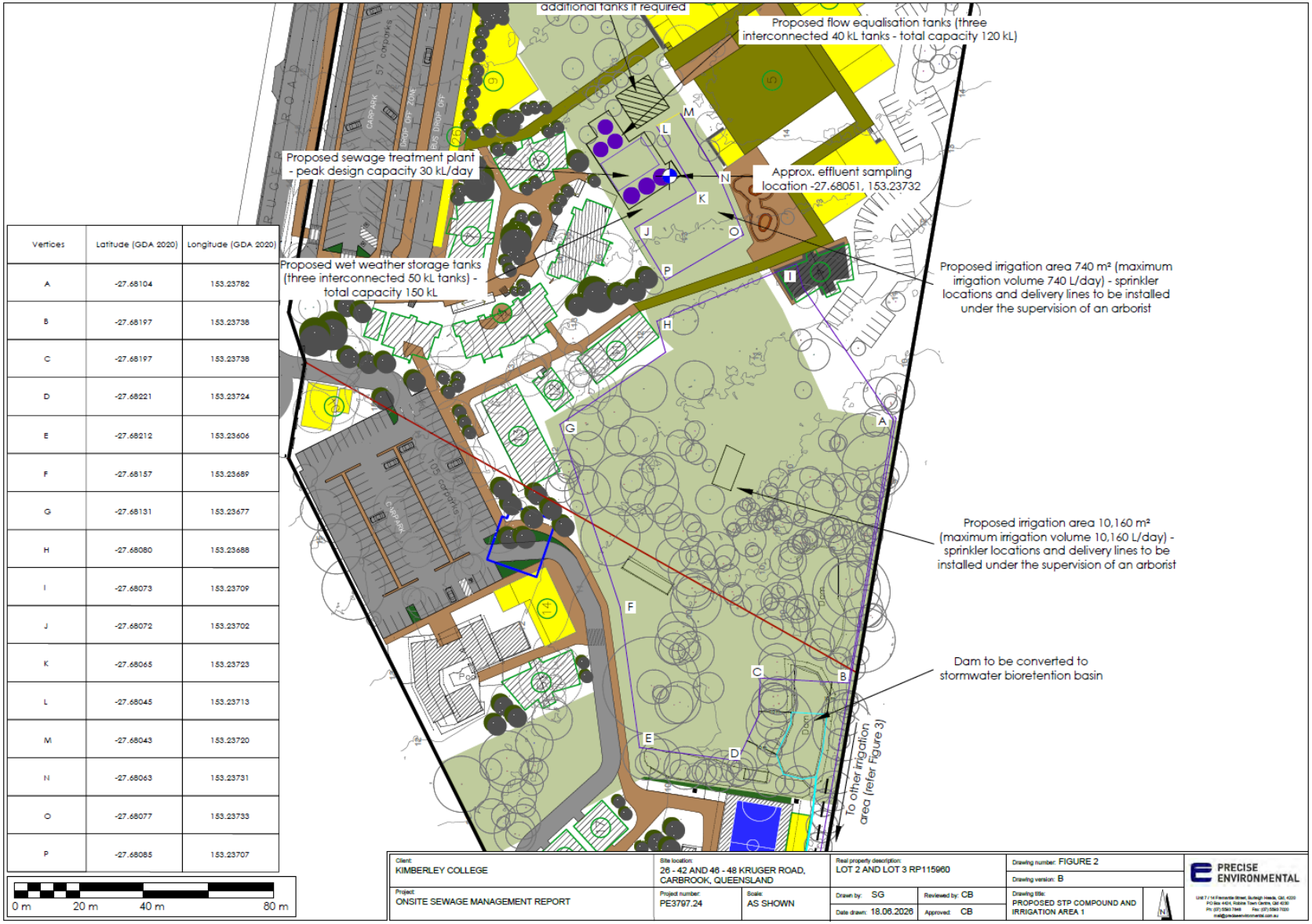
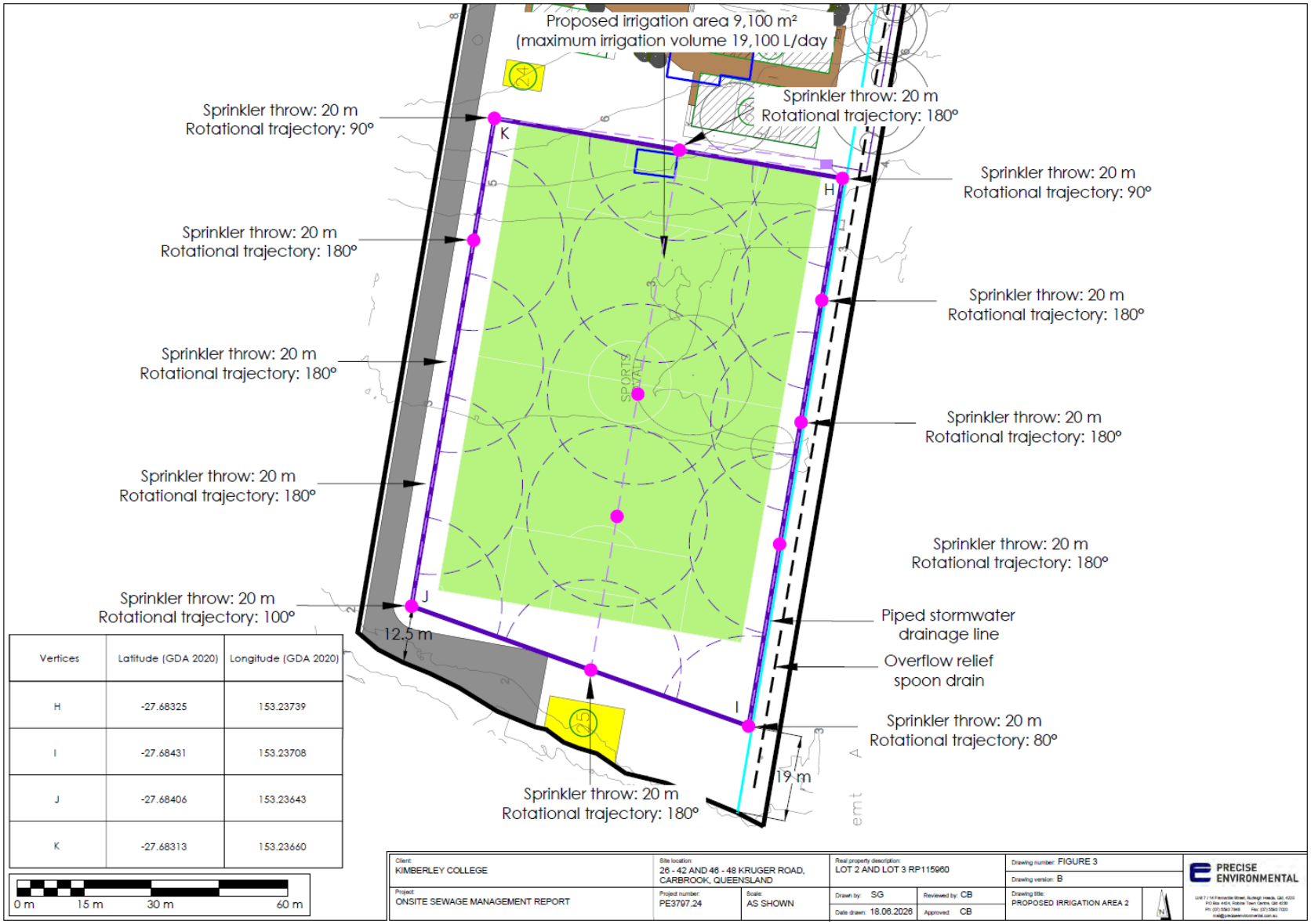


Figure 1 – Kimberly College layout



Vertices	Latitude (GDA 2020)	Longitude (GDA 2020)
A	-27.68104	153.23782
B	-27.68197	153.23738
C	-27.68197	153.23738
D	-27.68221	153.23724
E	-27.68212	153.23606
F	-27.68157	153.23689
G	-27.68131	153.23677
H	-27.68080	153.23688
I	-27.68073	153.23709
J	-27.68072	153.23702
K	-27.68065	153.23723
L	-27.68045	153.23713
M	-27.68043	153.23720
N	-27.68063	153.23731
O	-27.68077	153.23733
P	-27.68085	153.23707

Figure 2 – Northern Effluent Disposal Area



Vertices	Latitude (GDA 2020)	Longitude (GDA 2020)
H	-27.68325	153.23739
I	-27.68431	153.23708
J	-27.68406	153.23643
K	-27.68313	153.23660

Figure 3 – Southern Effluent Disposal Area

END OF ENVIRONMENTAL AUTHORITY