Permit

Environmental Protection Act 1994

Environmental authority P-EA-100837636

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

Environmental authority number: P-EA-100837636

Environmental authority takes effect on the date it is signed by the delegate. This is the take effect date.

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. The payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name(s)	Registered address
Northern King Grapes Pty Ltd	Level 4, 148 Glenferrie Rd MALVERN, VIC, 3144

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
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 1500EP if treated effluent is discharged from the works to an infiltration trench or through an irrigation scheme.	Lot 13 Plan RP742506; Lot 2 Plan RP901762

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).

Queensland Government

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 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.



Signature

10 October 2025

Date

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

Enquiries:
Utilities and Government Organisations Assessment
GPO Box 2454, Briesbane 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 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 and Federal 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).

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 Department of Climate Change, Energy, the Environment and Water webpage, https://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 environmental authority are separate, and in addition to, any conditions that may be on the development approval. If a copy of this environmental authority is attached to a development approval, it is for information only, and may not be current. Please contact the Department of the Environment, Tourism, Science and Innovation to ensure that you have the most current version of the environmental authority 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, https://www.tatsipca.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 1500EP if treated effluent is discharged from the works to an infiltration trench or through an irrigation scheme.	Lot 13 Plan RP742506; Lot 2 Plan RP901762

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

Agency interest: General

G1.0

The **activity** must be conducted in accordance with the following:

a) The maximum daily inflows into the Advanced Enviro-Septic Systems must not exceed the volumes detailed in *Table 1 – Authorised activities*; and

b) The soil absorption trenches must have the minimum surface area detailed in *Table 1 – Authorised activities*; and

c) The Advanced Enviro-Septic Systems must be located in accordance with the site map included in *Appendix A*.

Table 1 – Authorised activities

Facilities Utilising Advanced Enviro-Septic Systems	Associated Soil Absorption Trench Area (minimum m^2)	Maximum daily inflow (L/day)
Field Amenities 1	45	450
Field Amenities 2	45	450
Field Amenities 3	45	450
Field Amenities 4	45	450
Field Amenities 5	45	450
Field Amenities 6	45	450
Field Amenities 7	45	450
Field Amenities 8	45	450
Field Amenities 9	45	450
Field Amenities 10	45	450
Field Amenities 11	45	450
Cold Store / Machinery Shed	80	800
Tractor Operators Units 1 & 2	96	960
Tractor Operators Units 3 & 4	96	960

Tractor Operators Units 5 & 6	96	960
Tractor Operators Units 7 & 8	96	960
Managers Residence 1	60	600
Managers Residence 2	60	600
Managers Residence 3	60	600
Managers Residence 4	60	600
Managers Residence 5	60	600
Workers Accommodation 1	63.2	3840
Workers Accommodation 2	63.2	3840
Workers Accommodation 3	63.2	3840
Workers Accommodation 4	63.2	3840
Workers Accommodation 5	63.2	3840
Workers Accommodation 6	63.2	3840
Workers Accommodation 7	63.2	3840

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	Other than as permitted by this environmental authority, the **release of a contaminant into the environment** must not occur.
G4.0	All reasonable and practicable **measures** must be taken to prevent or minimise environmental harm caused, or likely to be caused, by the **activities**.
G4.1	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.*
G5.0	**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.

G5.1	As soon as reasonably practicable but no later than 20 **business days** of a report made under condition **G5.0** (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.
G5.2	As soon as reasonably practicable but no later than 20 **business days** of investigating a contravention 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	**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.
G6.1	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.
G6.2	As soon as reasonably practicable but no later than 5 **business days** of investigating a complaint under condition **G6.1** (or a longer period agreed to in writing by the **administering authority**), the reasonable and practicable **measures** identified in the investigation must be implemented.
G6.3	The outcome of the investigation carried out under condition **G6.1** and the reasonable and practicable **measures** implemented under condition **G6.2** must be recorded.
G7.0	**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.
G8.0	**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.
G8.1	**Records** of installation, calibration and maintenance carried out under condition **G8.0** must be kept.
G9.0	**Record keeping** Unless otherwise specified by a condition of this environmental authority, **records** must be: a) kept for the period outlined in *Table 2 – Record keeping requirements*; and b) provided to the **administering authority** upon request and in the format requested. **Table 2 – Record keeping requirements**

Description of records	Retention requirement
Monitoring results	Retain for 15 years
All other **records**	Retain for 5 years

G10.0	**Chemical storage** Chemicals and fuels in containers of greater than 15 L must be stored within a **secondary containment system**.

G11.0	**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**.
G11.1	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.
G11.2	Daily inflows into the Advanced Enviro-Septic Systems must be measured (in litres per day) by a flow meter and records maintained.
Agency interest: Air	
A1.0	Odours or airborne contaminants from the **activity** must not cause environmental nuisance to any **sensitive place** or **commercial place**.
A2.0	**Effluent** spray must not move beyond the **surface irrigation areas**.
A2.1	The **surface irrigation areas** must be fenced to prevent public access.
A2.2	Warning signs must be installed and maintained at all **surface irrigation areas** with clearly visible wording that states '*Recycled Water – Avoid Contact – Do Not Drink*'.
Agency interest: Noise	
N1.0	Noise from the **activity** must not cause environmental nuisance at any **sensitive place** or **commercial place**.
Agency interest: Waste	
W1.0	All waste must be lawfully reused, recycled or removed to a facility that can lawfully accept the waste.
W2.0	Dewatering and/or storing of any **sludge** generated by the **activity** must be undertaken in an area which provides an impervious barrier to land and **waters**.
Agency interest: Land	
L1.0	Treated **effluent** generated by the Advanced Enviro-Septic Systems for the field amenities 1-11, the cold store/machinery shed, tractor operator units 1-8, and the managers residence 1-5 must only be **released** to the **effluent disposal areas (soil absorption trenches)**.

L1.1

Treated **effluent** generated by the Advanced Enviro-Septic Systems for the field amenities 1-11, the cold store/machinery shed, tractor operator units 1-8, and the managers residence 1-5 must only be **released** to the **effluent disposal area (soil absorption trenches)** where 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 3 – 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 3 – Contaminant limits for releases to land*.

Table 3 - Contaminant limits for releases to land.

Monitoring locations	Quality characteristic (units)	Release limits			Minimum monitoring frequency
		Minimum	Mean	Maximum	
Outflow from AES	Irrigation rate (mm/**day**)	-	-	10	Daily
	Total Nitrogen (TN) (mg/L as N)	-	49	60	6 months
	Total Phosphorus (TP) (mg/L as P)	-	8	20	6 months
	pH (pH units)	6	-	8.5	6 months
	Electrical Conductivity (EC) (µS/cm)	-	-	1,600	6 months

L2.1

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

L2.2

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 frequencies specified in condition **L1.1**.

L2.3

The **effluent disposal area (soil absorption trenches)** must be inspected monthly by site management staff. If required, maintenance of the systems must be carried out to ensure optimal operation of each system.

L2.4

Ponding of **effluent** within the **effluent disposal area (soil absorption trenches)** must not occur after **effluent** disposal has ceased.

L2.5

A survey marker must be installed at the centre of each of the **effluent disposal areas (soil absorption trenches)** at the coordinates detailed in **Table 5 - Effluent disposal areas (absorption trenches)**.

L3.0 Treated **effluent** generated by the Advanced Enviro-Septic Systems 1-7 for the workers accommodation must only be released to the **effluent disposal areas (land irrigation areas)**.

L3.1 Treated **effluent** generated by the Advanced Enviro-Septic Systems 1-7 for the workers accommodation must only be **released** to the **effluent disposal areas (land irrigation areas)** where 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 4 – 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 4 – Contaminant limits for releases to land*

Table 4 - Contaminant limits for releases to land.

Monitoring locations	Quality characteristic (units)	Release limits			Minimum monitoring frequency
		Minimum	Mean	Maximum	
Outflow from chlorination tank(s)	Volume (mm/**day**)	-	-	3.5	Daily
	Volume (L/day)	-	-	26,880	Daily
	Total Nitrogen (TN) (mg/L as N)	-	49	60	6 months
	Total Phosphorus (TP) (mg/L as P)	-	8	20	6 months
	pH (pH units)	6	-	8.5	6 months
	Escherichia coli (E.coli) cfu/100mL)	-	-	10	6 months
	Electrical Conductivity (EC) (µS/cm)	-	-	1,600	6 months

L3.2 The irrigation rate monitoring required by conditions **L3.1** must be calculated based on the total area irrigated on that **day**, and the actual volume of **effluent** irrigated on that same **day**.

L3.3 **Mean** calculations required by condition **L3.1** 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 frequencies specified in condition **L3.1**.

L3.4 Monitoring of release volumes required by condition L3.1 must be undertaken using a flow meter.

L3.5	The **effluent disposal areas (land irrigation areas)** must have a minimum combined area of 8,897m^2.
L3.6	When soil in the **effluent disposal areas (land irrigation areas)** is **saturated**, **effluent** must not be **released** to land.
L3.7	All organic material removed from vegetation growing in the **effluent disposal areas (land irrigation areas)** must be transported and disposed of in an area other than in the **effluent disposal areas (land irrigation areas)**.
L3.8	For any period where **effluent** irrigation to land is not suitable, a minimum combined storage volume of 16,000L must be installed and maintained on the site for the storage of **effluent** generated from the Workers Accommodation.
L3.9	**Effluent** storage required by condition **L3.8** must be completely enclosed from rainfall ingress and fenced and signed to prevent public access.
L3.10	Ponding of **effluent** within the **effluent disposal areas (land irrigation areas)** must not occur after irrigation has ceased.
L3.11	Treated **effluent** must not run off to areas beyond the **effluent disposal areas (land irrigation areas)**.
L3.12	The **effluent disposal areas (land irrigation areas)** must be maintained with a crop of Kikuyu grass (*Cenchrus clandestinus*) or similar crop species in a **viable state**.
L4.0	Soil structure must not be degraded as a result of the **activity**.
Agency interest: Water	
WT1.0	Contaminants must not be **released** to **waters**.

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):

- 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).

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

Activity means the environmentally relevant activities to which the environmental authority relates.
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 EA requirements and can give authoritative assessment, advice and analysis in relation to the EA requirements using the relevant protocols, standards, methods or literature.
Business Day 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 (soil absorption trenches) means the advanced enviro-septic systems identified in:

a) *Table 5 - Effluent disposal areas (soil absorption trenches)*; and

b) As detailed in the corresponding subsurface absorption trenches in *Appendix A – Site map*

Table 5 - Effluent disposal areas (absorption trenches)

Facilities Utilising Advanced Enviro-Septic Systems	Location	
	Latitude	Longitude
Field Amenities 1	15°54'54.35"S	144°49'52.79"E
Field Amenities 2	15°54'56.87"S	144°49'40.41"E
Field Amenities 3	15°55'01.28"S	144°49'33.39"E
Field Amenities 4	15°55'01.82"S	144°49'21.54"E
Field Amenities 5	15°55'01.31"S	144°49'12.11"E
Field Amenities 6	15°55'02.33"S	144°49'04.57"E
Field Amenities 7	15°54'40.75"S	144°49'00.94"E
Field Amenities 8	15°54'42.45"S	144°48'52.17"E
Field Amenities 9	15°54'40.36"S	144°48'50.73"E
Field Amenities 10	15°54'31.77"S	144°48'35.77"E
Field Amenities 11	15°54'25.20"S	144°48'30.69"E
Cold Store / Machinery Shed	15°54'34.80"S	144°49'26.96"E
Tractor Operators Units 1 & 2	15°54'31.52"S	144°49'19.05"E
Tractor Operators Units 3 & 4	15°54'31.51"S	144°49'17.92"E
Tractor Operators Units 5 & 6	15°54'31.51"S	144°49'16.95"E
Tractor Operators Units 7 & 8	15°54'31.51"S	144°49'15.86"E
Managers Residence 1	15°54'31.48"S	144°49'14.84"E
Managers Residence 2	15°54'31.32"S	144°49'12.72"E
Managers Residence 3	15°54'30.64"S	144°49'11.59"E
Managers Residence 4	15°54'30.66"S	144°49'10.66"E
Managers Residence 5	15°54'30.64"S	144°49'09.62"E

Effluent disposal area (land irrigation area) means the land irrigation areas identified in:

a) *Table 6 - Effluent disposal area (land irrigation area)*; and

b) Located within the boundaries of the GPS co-ordinates detailed in *Table 6 - Effluent disposal areas (land irrigation areas)*; and

c) As detailed in the corresponding land irrigation areas in *Appendix A – Site map*

Table 6 - Effluent disposal areas (land irrigation areas)

Facilities Utilising Advanced Enviro-Septic Systems	Irrigation Areas	Waypoint	Location	
			Latitude	**Longitude**
Workers Accommodation 1-7	Area 1 (Total area 2,224m^2)	1.A	-15.91274	144.83576
		1.B	-15.91188	144.83672
		1.C	-15.91369	144.83662
		1.D	-15.91284	144.83566
	Area 2 Total area 2,224m^2)	2.A	-15.91379	144.83592
		2.B	-15.91436	144.83655
		2.C	-15.91453	144.83640
		2.D	-15.91395	144.83577
	Area 3 Total area 2,224m^2)	3.A	-15.91314	144.83515
		3.B	-15.91367	144.83578
		3.C	-15.91383	144.83562
		3.D	-15.91325	144.83500
	Area 4 (Total area 2,224m^2)	4.A	-15.91314	144.83445
		4.B	-15.91250	144.83503
		4.C	-15.91267	144.83519
		4.D	-15.91329	144.83462

Flow meter means an instrument that accurately and reliably (i.e., must not be an analogue flow meter) quantifies bulk fluid movement.

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).

NATA refers to the National Association of Testing Authorities (NATA) in Australia.

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, **release and released** 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 fail to prevent the contaminant from escaping.

Saturated means the soil moisture level is greater than the soil field capacity or drained upper limit.

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

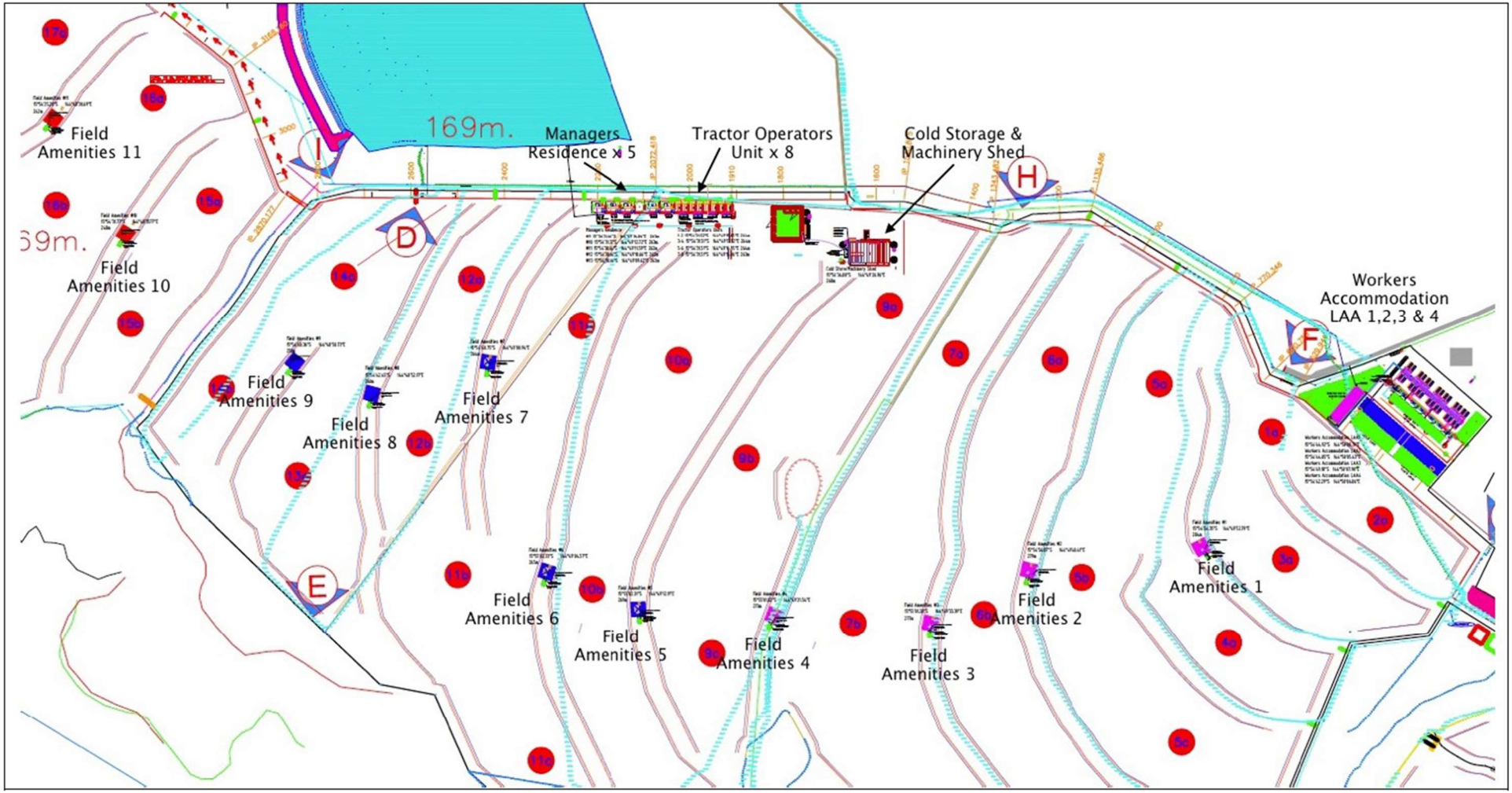
f) a public park or gardens; or

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

Sludge means any residual, semi-solid material that is produced as a by-product from the activity.

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 A - Site map



END OF ENVIRONMENTAL AUTHORITY