

Application form

Environmental Protection Act 1994

Application to amend an environmental authority

This approved form is to be used when applying to amend an environmental authority under sections 222 to 227A of the Environmental Protection Act 1994 (EP Act) for an environmentally relevant activity (ERA).

If you are applying to amend a progressive rehabilitation and closure plan (PRCP) schedule and or applying for a joint PRCP schedule and EA amendment do not use this form. You should instead use the [Application to amend a PRCP Schedule or joint PRCP Schedule and environmental form \(ESR/2019/4956\)](#).

IMPORTANT NOTE:

For applications to the Department of the Environment, Tourism, Science and Innovation, you can apply through Online Services at: <https://www.business.qld.gov.au/running-business/environment/online-services>.

It is recommended that prior to making an amendment application, you read the information on what to provide with an application. This information is located on the Business Queensland website at www.business.qld.gov.au (use the search term "Environmental licence"). This website includes a diagnostic tool called a "Forms and fees finder" which will help identify fees and supporting information you need to make an application.

You are encouraged to have a pre-lodgement meeting before applying to amend your environmental authority (EA). If you would like to have a pre-lodgement meeting:

- for intensive animal industry ERAs (prescribed ERAs 2, 3 and 4)—contact the Department of Primary Industries by email at livestockregulator@dpi.qld.gov.au or by phone on 13 25 23.
- for any other ERAs —prior to lodging this application form, please fill and lodge the form [Application for pre-lodgement services \(ESR/2015/1664\)](#) with the Department of the Environment, Tourism, Science and Innovation.

If you require assistance in answering any part of this form or have any questions about your application, please contact the relevant department. Contact details are at the end of this form (Section 33).

Privacy statement

The Department of the Environment, Tourism, Science and Innovation (the department) is collecting the information on this form in accordance with and as authorised by Chapter 5 of the Environmental Protection Act 1994 (EP Act). Some of the information may be disclosed to the Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development and Queensland Treasury for the purpose of processing this application.

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



**Queensland
Government**

Application to amend an environmental authority

Section 1 – Environmental authority number

EA number for this application

EPPR00754013

Section 2 – Applicant details

Details of the applicant are to be provided in this section.

NAME / COMPANY NAME

Greenfield Road Pty Ltd

TRADING NAME (IF An organisation)

Greenacres Caravan & Tourist Park

REGISTERED BUSINESS ADDRESS / RESIDENTIAL ADDRESS
(NOT A POST OFFICE BOX)

508-520 Mt Cotton Road Sheldon QLD 4157

POSTAL ADDRESS (WHERE DIFFERENT)

PO Box 97, Bulimba, QLD, 4171

ABN / ACN (IF An organisation)

61 603 718 592

NAME OF APPLICATION CONTACT

Glenn Cross

EMAIL

cross.co@hotmail.com

TELEPHONE

0410 329 023

☒ INDICATE IF YOU WANT TO RECEIVE CORRESPONDENCE VIA EMAIL☐ INDICATE IF THERE ARE JOINT HOLDERS OF THE ENVIRONMENTAL AUTHORITY. IF THERE ARE JOINT HOLDERS, PROVIDE THE ADDITIONAL CONTACT DETAILS AS AN ATTACHMENT.

Section 2.1 – Agent details

If there is an agent acting on behalf of the applicant, details of the agent are to be provided. An agent could be a consultant or contactor for the applicant.

Is this form being completed by an agent for the applicant? *

NOTE: If an agent is nominated, please provide evidence of appointment by the authority holder/s.

☐ Yes – Provide details below☒ No – Go to next section

NAME / COMPANY NAME

TRADING NAME

REGISTERED BUSINESS ADDRESS / RESIDENTIAL ADDRESS
(NOT A POST OFFICE BOX)

POSTAL ADDRESS (WHERE DIFFERENT)

ABN / ACN (IF AN ORGANISATION)

CONTACT NAME

EMAIL

TELEPHONE

Section 3 – Checklist questions

Application to amend an environmental authority

An application to amend an EA is not appropriate in all circumstances. If you answer **Yes** to any of the preliminary questions below, you cannot use this application form. If you answer **No** to all of the preliminary questions, you may continue to use this application form.

Is the amendment to correct a clerical or formal error?

☐ Yes ☒ No

If yes, you cannot use this form. This request should be made in writing directly to the administering authority (no fees apply).

Is the amendment to add an ERA to an amalgamated project authority and the proposed activity does not form part of the single integrated operation conducted under the authority?

☐ Yes ☒ No

If yes, you cannot use this form. You will need to apply for a new EA.

Is the amendment to add an ERA to the environmental authority and the addition of the ERA would result in the environmental authority not meeting the definition of an 'ERA project'?

☐ Yes ☒ No

If yes, you cannot use this form. You will need to apply for a new EA.

Is the amendment to amalgamate two or more EA's?

☐ Yes ☒ No

If yes, you cannot use this form. Please use either the form [Application to amalgamate two or more environmental authorities into an amalgamated corporate authority \(ESR/2015/1734\)](#), or [Application to amalgamate two or more environmental authorities into an amalgamated project or local government authority \(ESR/2015/1735\)](#).

Is the amendment to add an ERA to an amalgamated local government authority and there is not an appropriate degree of integration between the proposed activity and the existing activities on the authority?

☐ Yes ☒ No

If yes, you cannot use this form. You will need to apply for a new EA.

Is the amendment to amend the financial assurance or estimated rehabilitation cost only?

☐ Yes ☒ No

If yes, you cannot use this form. Please use the form [Application to amend or discharge financial assurance held for an environmental authority \(ESR/2015/1752\)](#) or [Application for a decision on the estimated rehabilitation cost \(ESR/2018/4426\)](#).

Is the proposed amendment to add a resource activity to an EA for a prescribed ERA project?

☐ Yes ☒ No

If yes, you cannot add the resource activity to the EA. You will need to apply for a new EA.

Is the proposed amendment to add a prescribed ERA, other than an ancillary activity, to an EA for a resource project?

☐ Yes ☒ No

If yes, you cannot use this form. You can apply using the standard, variation or site-specific application forms.

Are you applying to extend the term of an EA that was issued to conduct research into, or test, technology or processes relating to an ERA, and for which information mentioned in section 125(1)(l)(i) and (ii) of the EP Act was not available at the time the authority was applied for?

☐ Yes ☒ No

If yes, you cannot use this form. You will need to apply for a new EA.

Application to amend an environmental authority

Section 4 – Checklist questions for prescribed ERAs Does the application relate to an EA that is only for prescribed ERAs?		☒ Yes – Answer the questions in this section ☐ No – Go to next section
Does the proposed amendment involve changes to the relevant activity that require a new development application to be lodged under the <i>Planning Act 2016</i> and the application for the development application has not been lodged.		☒ Yes ☐ No
If yes, the development application must be lodged before an EA amendment application can be made. Under the EP Act, a development application for a material change of use of premises for an ERA is deemed to be also an application for an environmental authority. In this case, an EA amendment application should not be lodged.		
Is the proposed amendment solely to add or remove vehicles for ERA 57 (Regulated waste transport)?		☐ Yes ☒ No
If yes, you do not need to submit this application form. You can update vehicle details online through Online Services or use the form Details of regulated waste vehicles (ESR/2015/1851) .		
Is the amendment for the holder of the EA to transfer all or part of the EA to a person?		☐ Yes ☒ No
If yes, you cannot use this form. Please use the form Request to transfer all or part of an environmental authority (prescribed environmentally relevant activities) (ESR/2015/1718) .		
Is the amendment for the surrender of an EA?		☐ Yes ☒ No
If yes, you cannot use this form. Please use the form Application to surrender an environmental authority for a prescribed ERA (ESR/2015/1719) .		

Section 5 – Checklist for resource activities Is the application to amend an EA for a resource activity?		☐ Yes - Answer the questions in this section ☒ No – Go to next section
Is the amendment for a partial surrender of an EA for a mining, geothermal or petroleum resource activity?		☐ Yes ☐ No
If yes, you cannot use this form. Please use the form Application for surrender or partial surrender of an environmental authority (resource activity) (ESR/2015/1751) .		
Is the amendment for an EA that has a PRCP schedule and approval of the amendment application would result in the EA to which the application relates being inconsistent with the relevant PRCP schedule?		☐ Yes ☐ No
If yes, you cannot use this form. The amendment to the EA must not be inconsistent with the PRCP Schedule otherwise you must apply to amend your PRCP Schedule. Please use the form Application to amend a progressive rehabilitation and closure plan schedule (PRCP schedule) or joint PRCP schedule and environmental authority (ESR/2019/4956) .		

Section 6 – Major or minor amendment Is the application for a major or minor amendment?	
Your application is a minor amendment (condition conversion) if you want to convert all conditions of your EA to the standard conditions for the ERA to which the EA relates. By selecting this amendment type you are certifying that you have a complete and thorough understanding of, and can comply with, the ERA Standard (eligibility criteria and standard conditions).	

Application to amend an environmental authority

For applications other than a minor amendment (condition conversion), the administering authority decides if an application is a minor amendment (threshold) or a major amendment and will send you a notice of the decision.

If the application is a major amendment, an assessment fee of 30% of the annual fee for your EA is required to be paid. The assessment of your amendment application will not proceed until the assessment fee is paid.

No additional assessment fees apply if your application is determined to be a minor amendment.

By considering what type of amendment your application is likely to be, you will have a better idea of whether the assessment fee will be payable.

For further information see the [Guideline - Major and minor amendments \(ESR/2015/1684\)](#) and s223 of the EP Act. If you have questions regarding whether your amendment will be a minor or major amendment you are encouraged to arrange a pre-lodgement meeting with the administering authority. Only an indication can be given as to whether the proposed changes are likely to be a minor or major amendment, at a pre-lodgement meeting as this decision can only be made when the actual application is submitted.

- ☐ Major amendment
- ☐ Minor amendment (threshold)
- ☐ Minor amendment (condition conversion)

For minor amendment (condition conversion) go to Section 31 (Payment of fees).

Section 7 – Amendment options

Complete this section for all applications, tick all that apply

I would like to amend the EA:

- ☐ Activities – includes changes to thresholds
- ☐ Locations – removal/addition of activity locations
- ☒ Conditions – includes conversions to standard conditions and variations

Section 8 – Describe the proposed amendment

Provide a detailed description of your proposed amendment.

Include justification of how your proposed amendment meets the criteria for a major or minor amendment and attach any supporting information to this application.

If the amendment is to add or delete a location, tenure or activity, or to change the threshold of an activity, provide details below.

Application to amend an environmental authority

We are requesting amendments to the current EA Permit EPP00754013 with respect to the following areas:

- (a) The location and area required for irrigation under the current EA be amended from 15,000m² (1.5Ha) to 9,028m² (0.9028Ha)..
- (b) The removal of some of the conditions associated with Reporting and Compliance under the current EA.

With respect to (a) We are requesting a reduction in the Land Area required to cater for the irrigation of the treated water from the Parks Sewerage Treatment Plant due to the improvements and reduction in treated water release from the Plant.

The initial EA provided for treated effluent release of upto 45,000LPD from the Plant requiring a land area of 15,000m² (1.5ha) based on a 3mm per metre daily release.

As a result of a program of significant Plant Maintenance and upgrades to the Sewerage network and water efficiency undertaken over the last 12 months, the Greenacres Caravan Park has been able to get usage down from a 2024 average of 24,000LPD to the July to Sept 2025 period with an average of 17,500LPD, that's an estimated reduction of 6,500LPD (or 27% approx).

As a result of this water release reduction we are requesting an amendment to the EA reducing the irrigation area required from the current 15,000m² to 9,028m². To support this amendment, we are providing the relevant Plans and accompanying details in the Attachments to this application including:

1. Irrigation Management Plan – Policy and Procedures
2. Irrigation Area – Maintenance Checklist
3. Irrigation Management Strategy Checklist
4. Irrigation Set Out Points
5. Site Irrigation Plans – Detailed Amendments
 - 5a. LAA Plan (Wastewater Design)
 - 5b. Sectional Plan (Wastewater Design)
 - 5c. Boundary Plan (Wastewater Design)
6. STP Waste Management (sludge) Policy & Procedures
7. Noise Impact Assessment Report – Greenfield Road Development JT Environmental Consultants
8. Survey Plan – Lot 35 SP 355 717 Canceling Lots 3 & 5 RP 123 875
9. Registered Owners Lease Consent to Survey – Queensland Tittles Registry

This application is based on a 2.75mm daily release limit (a reduction from the previous 3mm daily release limit). The decrease to 9,028m² area would still allow for a daily treated water release of 27,084LPD. This is far higher (by 9,334LPD approx) than the current 17,750LPD that we are currently releasing under full capacity.

The reduction in the STP treated water release amounts is a result of the following improvements that have taken place since late 2024 to present, including:

- (1) Replacement of around 85% of the Parks Clay Pipe to PVC. The clay pipe in places had either been installed incorrectly or had been damaged or broken from tree roots, damaged joints and cracked pipes.

The replacement of the clay pipe and upgrading of the PVC to surface has resulted in a major reduction in stormwater ingress reducing the total treated water release.

- (2) STP Service Pits: The STP service pits have been remorted and resealed in order to reduce stormwater ingress. With manhole covers repaired or replaced.

Application to amend an environmental authority

(3) Upgrades were undertaken to the Stormwater management system in the Park so as to redirect it away from the STP service pits further reducing ingress.

(4) Water efficiency audits: Water efficiency audits were undertaken (and carried out annually) in order to reduce water wastage/ excess use.

The Park over this period has been operating at around 95% occupancy levels. Which is essentially full capacity. So these release levels are reflective of peak maximum release levels for the Park.

This reduction in treated water release level also corresponds to a reduction in average daily Council water usage for the Park which also reduced down from around 29,000 LPD in 2024 to around 24,000LPD in 2025 (approx 5,000LPD or 17%).

I have attached the revised Irrigation area plans which provide the details of the land area to be used for treated water release

In addition to the above improvements on the STP infrastructure, significant works have been undertaken to improve the efficacy of the land area to be irrigated, including:

(1) The leveling off of the irrigation site area in order to reduce the gradient of the land and potential water pooling.

(2) Improvements to the soil quality and the addition of top soil and enhanced soil quality located in the irrigation area.

(3) Increase in the height of the irrigation area, with the addition of swale and spoon drains to redirect and restrict stormwater ingress into the irrigation area.

These improvements further support this application and the reduction in land irrigation area required and for the corresponding reduction in reporting and compliance requirements.

It is also important to note that while in this instance an in-depth environmental values investigation has not been undertaken, this needs to be considered in the context where the proposal is to do the following:

- reduce the disturbance area
- reduce the contaminant loading rate; and
- subsequently reduces the theoretical risk to environmental values.

Given this, the information provided in the application / below is considered commensurate with the reduced risk of the activity outlined.

I have further provided details of the new survey plan over the two titles amalgamating Lots 3 RP 123 875 and Lot 5 RP 123 875 into a single Lot 35 SP 355717. This has been lodged with the Queensland Titles Office Registry and is awaiting registration.

☒ I HAVE ATTACHED ADDITIONAL DETAILS FOR THIS SECTION.

Application to amend an environmental authority

Section 10 – Development permits and other land use approvals (*Prescribed ERAs only*)

Does the EA only include a prescribed ERA/s?

☒ No – Go to next section☐ Yes – Provide details belowAre there any development permits or other land use approvals in effect or have any development applications been made under the *Planning Act 2016* to carry out the proposed amendment?☒ No – Go to next section☐ Yes – Provide details below

Provide a list of applicable development permits or applications below.

Development permit
/ application numberDevelopment permit
/ application nameAssessment
managerDate of application
or approval

Expiry date

If a land use approval other than a development permit is in effect, provide details below.

☐ I HAVE ATTACHED ADDITIONAL DETAILS FOR THIS SECTION.

Application to amend an environmental authority

Section 11 – Amend activities			
Do you wish to amend activities under the EA, including removing ERAs, adding ERAs or changes to threshold(s)?			☒ No – Go to next section ☐ Yes – Provide details below
Section 11.1 – Removing ERA(s)			
Does the proposed amendment remove an ERA from the EA?			☒ No – Go to section 11.2 ☐ Yes – Continue on below
Provide a list of all the ERAs that are to be removed from the EA and identify whether the ERA has commenced.			
ERA number	Threshold	Name of ERA	Has the ERA commenced?
			☐ Yes ☐ No
			☐ Yes ☐ No
			☐ Yes ☐ No
			☐ Yes ☐ No
			☐ Yes ☐ No
☐ I HAVE ATTACHED DETAILS OF ADDITIONAL ERA(s) TO BE REMOVED.			
Does your EA contain any rehabilitation conditions that are applicable to the ERA(s) that are requested to be removed from the EA?			☒ No – Go to section 11.2 ☐ Yes – Provide details below
A statement addressing compliance with EA conditions is to be completed by, or on behalf of, the EA holder. Attach a separate document to this application form which states the extent to which: 1. The ERAs being removed from the EA have complied with each relevant condition of approval; and 2. The final rehabilitation report is accurate (include the date of the final rehabilitation report).			
PROVIDE DETAILS OF THE DATE, METHOD AND EVIDENCE USED TO VERIFY COMPLIANCE:			
PROVIDE DETAILS OF THE NAME, POSITION AND CONTACT NUMBER OF THE PERSON SIGNING THE STATEMENT:			
DESCRIBE THE QUALIFICATIONS AND EXPERIENCE OF THE PERSON SIGNING THE STATEMENT:			
☐ I HAVE ATTACHED THE REQUIRED STATEMENT ADDRESSING COMPLIANCE WITH CONDITIONS.			
For guidance on what a rehabilitation report should contain you may use the Final rehabilitation report with landowner statement (ESR/2015/1616). Methods to verify compliance may include a desktop assessment of documentation, an interview with the landowner/holder or a field operator or a site inspection. Evidence used may include photographs, statements and other documents such as maps, plans, approvals, monitoring results etc.			

Application to amend an environmental authority

Section 11.2 – Adding ERA(s)

Does the proposed amendment add an ERA to the EA?

☒ No – Go to next section☐ Yes – Continue on below

Provide details of which ERA(s) you wish to add. If the ERA has eligibility criteria and standard conditions¹, identify whether you can comply with them. Select "N/A" where there are no eligibility criteria and standard conditions for that ERA. If you cannot comply with all of the applicable standard conditions, select "no" and attach details of the standard conditions you cannot comply with.

ERA number	Threshold	Name of ERA	I can comply with the eligibility criteria	I can comply with all the standard conditions
			☐ Yes ☐ N/A ☐ No	☐ Yes ☐ No
			☐ Yes ☐ N/A ☐ No	☐ Yes ☐ No
			☐ Yes ☐ N/A ☐ No	☐ Yes ☐ No
			☐ Yes ☐ N/A ☐ No	☐ Yes ☐ No
			☐ Yes ☐ N/A ☐ No	☐ Yes ☐ No
			☐ Yes ☐ N/A ☐ No	☐ Yes ☐ No
			☐ Yes ☐ N/A ☐ No	☐ Yes ☐ No

☐ I HAVE ATTACHED DETAILS OF ADDITIONAL ERA(s) TO BE ADDED.☐ I HAVE ATTACHED DETAILS OF THE STANDARD CONDITIONS THAT I CANNOT COMPLY WITH.

If you cannot comply with the eligibility criteria as a result of the proposed amendment, then an amendment to the relevant eligibility criteria condition will also be required. The department will only approve an amendment of the eligibility criteria condition if it is a result of factors beyond your control such as residential encroachment, rather than a change to the activity.

¹ ERAs with eligibility criteria and standard conditions are listed at: www.business.qld.gov.au (use the search term "eligibility criteria").

Application to amend an environmental authority

Section 12 – Single integrated operation confirmation

Will the activities be undertaken as a single integrated operation?

- ☐ No – Go to next section
☒ Yes – Provide details below

PROVIDE DETAILS OF THE ACTIVITIES THAT WILL BE OPERATED AS A SINGLE INTEGRATED OPERATION AND SUPPORTING INFORMATION SHOWING THEY ARE A SINGLE INTEGRATED OPERATION:

Operation and Maintenance of a Sewerage Treatment Plant alongside irrigation to land of the plants treated wastewater. All additional relevant information which provides details on the the relevant Plans and accompanying details in the Attachments to this application including:

1. Irrigation Management Plan – Policy and Procedures
2. Irrigation Area – Maintenance Checklist
3. Irrigation Management Strategy Checklist
4. Irrigation Set Out Points
5. Site Irrigation Plans – Detailed Amendments
 - 5a. LAA Plan (Wastewater Design)
 - 5b. Sectional Plan (Wastewater Design)
 - 5c. Boundary Plan (Wastewater Design)
6. STP Waste Management (sludge) Policy & Procedures
7. Noise Impact Assessment Report – Greenfield Road Development JT Environmental Consultants
8. Survey Plan – Lot 35 SP 355 717 Canceling Lots 3 & 5 RP 123 875
9. Registered Owners Lease Consent to Survey – Queensland Tittles Registry

Single integrated operation occurs when all of the below criteria are met:

- (a) the activities are carried out under the day-to-day management of a single responsible individual, for example, a site or operations manager;
- (b) the activities are operationally interrelated;
- (c) the activities are, or will be, carried out at one or more places; and
- (d) the places where the activities are carried out are separated by distances short enough to make feasible the integrated day-to-day management of the activities.

Application to amend an environmental authority

Section 13– Amend location(s)		
Does the proposed amendment relate to the location where the ERA(s) are undertaken, including adding a location, removing a location or changing a location? This section is not applicable to changes in monitoring locations, infrastructure locations ect. unless the new location is outside the currently authorised area for the environmental authority. Amendments to change the location of monitoring or infrastructure where the monitoring or infrastructure location is still within the currently authorised area are considered amendments to vary conditions.		☒ No – Go to Section 14 ☐ Yes – Provide details below
ERA number and threshold	Location (lot on plan(s), tenure(s) or mobile and temporary)	Add or remove
☐ I HAVE ATTACHED DETAILS OF ADDITIONAL LOCATIONS FOR THIS SECTION.		

Application to amend an environmental authority

Section 13.1 - Rehabilitation conditions <i>Are you proposing to remove locations from the EA?</i>		☒ No – Go to next section ☐ Yes – Continue on below
Does your EA contain any rehabilitation conditions that are applicable to the locations that are requested to be removed from the EA?		☐ No – Go to next section ☒ Yes – Continue on below
Has a statement addressing compliance with EA rehabilitation conditions been attached as per section 11.1?		☐ No – Go to next section ☒ Yes – Continue on below
PROVIDE DETAILS OF THE DATE, METHOD AND EVIDENCE USED TO VERIFY COMPLIANCE: The areas to be removed from the EA Figure 2 - South East Green Space Irrigation Area and Figure 3 - Southern Gardens Irrigation Area. Have not been developed for irrigation at the time of this Application. So no remediation is required to be completed.		
PROVIDE DETAILS OF THE NAME, POSITION AND CONTACT NUMBER OF THE PERSON SIGNING THE STATEMENT: Glenn Cross 0410 329 023		
DESCRIBE THE QUALIFICATIONS AND EXPERIENCE OF THE PERSON SIGNING THE STATEMENT: Director		
☐ I HAVE ATTACHED THE REQUIRED STATEMENT ADDRESSING COMPLIANCE WITH CONDITIONS.		
For guidance on what a rehabilitation report should contain you may use the Final rehabilitation report with landowner statement (ESR/2015/1616) . Methods to verify compliance may include a desktop assessment of documentation, an interview with the landowner/holder or a field operator or a site inspection. Evidence used may include photographs, statements and other documents such as maps, plans, approvals, monitoring results etc.		

Section 14 – Seek to vary conditions	
Are you looking to vary the condition(s) of the EA?	☐ No – Go to next section ☒ Yes – Provide details below
IMPORTANT NOTE: The administering authority considers what is necessary or desirable when setting the conditions of an EA. Seeking to vary the conditions is likely to change the environmental risk of an activity and will require an assessment of the environmental values. If this is not provided, the application may not be valid.	
Provide details of: (a) condition number(s); (b) proposed change; and (c) justification for the change.	
Condition L5: Reduction in Irrigation to Land area from 15,000m2 (1.5ha) to 9028 m2. Based on current STP average daily maximum release limits of 17,750LPD. At a daily allowable release rate of 2.75mm per metre 2. This release areas provides a significant buffer of an 9,334 LPD extra release in case of heavy rainfall or other event resulted in heavier than normal daily usage. As previously detailed in Section 8, the above reduction in treated water release from the STP resulted from the significant improvements undertaken over the last 12 months to the STP infrastructure and further improvements undertaken in water efficiency management. Overall release limits have been reduced from around 24,000LPD in 2024 to around 17,750LPD in the July-Sept 2025. These reductions along with the improvements undertaken to the irrigation area with regard to improve soil quality, improvements undertaken to reduce stormwater ingress to the area, and surface releveling to improve treated water uptake and distribution, will also contribute to the effectiveness of the irrigation system.	

Application to amend an environmental authority

L7 Subsurface Irrigation Areas:

Amendment Request:

We request the following amendments to the Subsurface Irrigation Areas as detailed in Schedule 1:

(a) Figure 1 Proposed Main Irrigation Area: to be amended from the current Plans as detailed to that of the Site Plan as attached and detailed in Attachment 1.

The updated Site Plans provide for a total area its current to the new detailed Site Plan attachment 1

Total Irrigation Area consisting of 9028m² Located on Lot 5 RP 123 875 (new amalgamated Lot and Plan details to be provided).

(b) Figure 2 South East Green Space Irrigation Area: - removed as a requirement

© Figure 3 South Garden Irrigation Area: - removed as a requirement

L9 - 90kl of enclosed emergency storage of treated water.

Amendment Request:

As a result of the daily reduction in STP treated water release from 45,000LPD down to 17,750LPD we request an amendment to this condition reducing the required storage area under L9 from the current 90KL to 40KL.

L10 - L14; - Receiving Environmental Monitoring Program - Monitoring requirements to assess impacts and effects of the activity on the land.

Amendment Request:

We request the removal of conditions L10 to L13 regarding the requirement for an ongoing soil and Receiving Environmental Monitoring Program based on the following grounds:

(a) The significant reduction in the release volumes and associated contaminant release amounts to the irrigation area would provide little to no risk of soil degradation or the soils capacity to manage or handle the processing of the nutrients and mineral salts and therefore not warrant the need for an ongoing REMP.

(b) The irrigation area of 9,028m² also provides an additional 2000m² or 28% more land area (based on 21,000LPD 2.75mm per metre distribution requirement) required per the EA irrigation area requirements. This additional irrigation area buffer should further assist in the soils ability to handle the treated waters contaminant levels.

© The improvements to soil quality and stormwater ingress and the distance from any waterways also reduce the risk of contamination and the need for conditions L10-L14 to be imposed.

L15 - L17 - Requirements for Vegetation Management Plan VMP prepared monthly by Appropriately Qualified Person.

Amendment Request:

We request that the requirement for a monthly VMP report be completed by an Appropriately Qualified Person under L15 be removed and replaced with the Monthly VMP be undertaken and completed by the Plant Manager/Operators as part of the STP and Irrigation Maintenance duties.

Eliminating the need for the ongoing requirement for external contractors to provide monthly reviews and reports currently required as a condition of the EA.

Application to amend an environmental authority

The Vegetation Management Plan prepared by Simmonds and Bristow would be incorporated into the Irrigation Management Plan - Policy and Procedures for Plant Operation and Maintenance and form part of the duties required to be completed by the Plant Operator.

☒ I HAVE ATTACHED ADDITIONAL DETAILS FOR THIS SECTION.

If the activities were assessed as part of a coordinated project declared under the State Development and Public Works Organisation Act 1971, you are only able to amend Coordinator General conditions if the Coordinator General's evaluation report for the project has lapsed. If you are unsure if the Coordinator General's evaluation report has lapsed, contact the Department of State Development, Infrastructure and Planning for more information.

Section 15 – Compliance with any eligibility criteria

Are there any eligibility criteria for the activity(s)?

- ☐ No – Go to next section
☒ Yes – Provide details below

State whether each relevant activity will, if the amendment is made, comply with any eligibility criteria for the activity.

Yes eligible criteria of 2.75mm per metre daily load will still be met after the E.A. amendment request.

Include a declaration (below) that the above statement is correct

I Glenn Cross, Director, Greenfield Road Pty Ltd

(INSERT NAME, POSITION AND COMPANY NAME OF PERSON MAKING THE STATEMENT)

- make the statement by or for the holder of the EA;
- confirm that, to the best of my knowledge, all information provided as part of this statement, including attachments, is true, correct and complete.
- understand that under section 480 of the EP Act, it is an offence to give the administering authority or an authorised person a document that contains information that I know, or ought reasonably know, to be false or misleading in a material particular.
- understand that under section 480A of the EP Act, if I am required to give a document to the administering authority, it is an offence to give a document that I know, or ought reasonably to know, contains incomplete information in a material particular.
- confirm that, to the best of my knowledge, this statement, including attachments, does not include false, misleading or incomplete information;
- confirm that, to the best of my knowledge, I have not knowingly failed to reveal any relevant information or document to the administering authority;

Application to amend an environmental authority

- confirm that, to the best of my knowledge, all information provided in this statement, including attachments, address the relevant matters and are factually correct;
- confirm that the opinions expressed in this statement, including attachments, are honestly and reasonably held; and
- understand that all information supplied as part of this statement, including attachments, can be disclosed publicly in accordance with the *Right to Information Act 2009* and the *Evidence Act 1977*.

SIGNATURE

DATE

Only a person with appropriate environmental expertise and/or experience in planning and executing site operations should sign this statement. This person may be the EA holder, a full time employee of the EA holder or a consultant to the EA holder.

Section 16 – Environmental values

Attach a document that provides an assessment of the likely impact of the proposed amendment on environmental values (EVs). Note: All fields below are mandatory, therefore a statement is required where there are no likely impacts to an EV.

Environmental Values

- | | | | |
|---|--|--|--|
| ☒ Water | ☒ Wetlands | ☒ Land use | ☒ Acoustic |
| ☒ Groundwater | ☒ Land | ☒ Air | ☒ Waste |

- ☒ I HAVE ATTACHED A DOCUMENT THAT PROVIDES AN ASSESSMENT OF LIKELY IMPACTS ON EVs.

Note that the EP Act, s226A(1)(f) states the information required relating to impacts on EVs which include:

- a description of the environmental values likely to be affected by the proposed amendment; and
- details of any emissions or releases likely to be generated by the proposed amendment; and
- a description of the risk and likely magnitude of impacts on the environmental values; and
- details of the management practices proposed to be implemented to prevent or minimise adverse impacts; and
- if a PRCP schedule does not apply for each relevant activity - details of how the land the subject of the application will be rehabilitated after each relevant activity ceases.

Application to amend an environmental authority

Section 17 – Environmental offsets

Will the ERA(s) being applied for cause, or be likely to cause, a significant residual impact to a prescribed environmental matter (other than a matter of local environmental significance)?

- ☒ No – Go to next section
☐ Yes – Provide details below

☐ Yes - Attach supporting information that:

- details the magnitude and duration of the likely significant residual impact on each prescribed environmental matter (other than matters of local environmental significance) for the entire activity;
- demonstrates that all reasonable measures to avoid and minimise impacts on each of those matters will be undertaken;
- includes a notice of election, if it has not already been submitted; and
- if the activity is to be staged, details of how the activity is proposed to be staged.

An environmental offset may be required for an ERA where despite all reasonable measures to avoid and minimise impacts on certain environmental matters, there is still likely to be a significant residual impact on one or more of those matters. You must verify the presence, whether temporary or permanent, of those environmental matters. For more information refer to the State Significant Impact Guideline at the Queensland Government website, at: www.qld.gov.au/environment/pollution/management/offsets/index.html.

Section 18 – Matters of national environmental significance

Would the carrying out of the proposed ERA, or where relevant the ERA project, be likely to have a significant impact on any matters of national environmental significance?

- ☒ No – Go to next section
☐ Yes – Provide details below

Are the impacts covered by transitional provisions for the *Environmental Protection and Biodiversity Conservation Act 1999* (EPBC Act)?

- ☐ No – Go to next section
☐ Yes – Provide details in an attachment

Has the proposal been referred to the Federal Government Environment Minister or a delegate for formal assessment and approval?

- ☐ No – Go to next section
☐ Yes – Provide details below

If Yes - Has an approval issued under the EPBC Act required an environmental offset for the same, or substantially the same, impact and the same, or substantially the same, matters of national environmental significance?

- ☐ No – Go to next section
☐ Yes – Provide details below

If Yes - Are there any matters of national environmental significance which are assessed under the EPBC Act which are the same, or substantially the same as any matters of national environmental significance, but that were not conditioned in the approval?

- ☐ No – Go to next section
☐ Yes – Provide details below

☐ I HAVE ATTACHED DETAILS OF MATTERS OF NATIONAL ENVIRONMENTAL SIGNIFICANCE INCLUDING ANY APPLICABLE TRANSITIONAL PROVISIONS.

☐ I HAVE ATTACHED A COPY OF THE EPBC ACT APPROVAL.

There are currently nine matters of national environmental significance (MNES) which have been defined in the *EPBC Act*. To determine whether the proposed ERA(s) will have a significant impact on MNES and for referral requirements, please refer to the guidance provided by the Federal Government's Department of Environment on www.australia.gov.au and www.dcceew.gov.au/.

Application to amend an environmental authority

Section 19 – Waste

Attach a document that provides details of the proposed measures for minimising and managing waste generated by any amendment(s) to the relevant activity.

- ☒ I have attached a document that provides the required information; or
- ☐ If waste is to be managed according to an existing waste management plan, provide the name of the plan and the relevant page or section numbers below:

Section 20 – Regional interest areas (Resource activities only)

Is the activity a resource activity?

- ☒ No - Go to Section 26
- ☐ Yes - Continue below

Is the resource activity located anywhere within an area of regional interest?

- ☐ No – Go to next section
- ☐ Yes – Provide details below

If yes - Which area of regional interest, has or will require a regional interest development approval (RIDA)?

- ☐ Priority agricultural areas (PAAs)
- ☐ Priority living areas (PLAs)
- ☐ Strategic environmental areas (SEAs)
- ☐ Strategic cropping area (SCA)
- ☐ No RIDA required, I am an exempt activity.

If you have applied or been approved for a RIDA, provide the application reference:

A regional interests development approval (RIDA) is required when a resource activity is proposed in an area of regional interest under the *Regional Planning Interests Act 2014*. Further information, including application forms, can be found on the Department of State Development, Infrastructure and Planning website at www.planning.qld.gov.au.

Section 21 – ANZSIC code (Resource activities only)

Provide the ANZSIC code for the resource activity.

- | | |
|---|--|
| ☐ 1101 Black coal mining | ☐ 1313 Copper ore mining |
| ☐ 1102 Brown Coal Mining | ☐ 1314 Gold ore mining |
| ☐ 1311 Iron ore mining | ☐ 1315 Mineral sand mining |
| ☐ 1312 Bauxite mining | ☐ 1316 Nickel ore mining |
| ☐ 1317 Silver-lead-zinc ore mining | ☐ 1319 Metal ore mining (other metallic mineral ores) |
| ☐ 1200 Oil and gas extraction | |
| ☐ Other (provide details): _____ | |

The Australian and New Zealand Industrial Classification (ANZSIC) is used by the Australian Bureau of Statistics. It is required to be displayed in the public register.

Application to amend an environmental authority

Section 22 – Environmental impact statement (EIS)* (Resource activities only)	
Has an application been made for a decision on whether an EIS would be required for the proposed amendment activity?	☐ No ☐ Yes
Has a decision been made on the application on whether an EIS would be required for the proposed amendment activity?	☐ Yes, a decision was made that an EIS is required – Attach decision. ☐ Yes, a decision was made that an EIS is not required – Attach decision. ☐ No, a decision has not yet been made. ☐ NA – No application has been made.
☐ I HAVE ATTACHED THE DECISION.	
Has an EIS process that includes the proposed amendment been completed?	☐ No - Go to next section ☐ Yes
If yes - Has the EIS assessment report lapsed under section 59A of the EP Act?	☐ No - Provide details below ☐ Yes – Go to next section
I have assessed the environmental risks of the proposed amendment and consider them to be: ☐ The same as was assessed in the EIS process ☐ Different to what was assessed in the EIS process	
☐ I HAVE ATTACHED THE ASSESSMENT OF THE ENVIRONMENTAL RISKS OF THE PROPOSED AMENDMENT.	
* EIS refers to both the EIS process under the <i>EP Act</i> and the EIS process under the <i>State Development and Public Works Organisation Act 1971</i>. * For further information about the EIS process is available at www.qld.gov.au, using the search term 'environmental impact statements'.	

Section 23 – Environmental impact statement triggers*	
Is the application to amend/alter an existing mine?	☐ No - Continue below ☐ Yes - Answer questions 1-6
Is the application for petroleum and gas activities?	☐ No – Go to next section ☐ Yes – Answer questions 7-9
For proposals to amend/alter an existing mine	
1. Is the proposed amendment for an increase in the annual extraction of more than 100% or 5 million tonnes per year (whichever is the lesser)? NOTE: Only answer this question if the current ERA project is for an existing mine extracting between 2–10 million tonnes per year of run of mine (ROM) ore or coal; otherwise select N/A.	☐ Yes ☐ No ☐ N/A
2. Is the proposed amendment for an increase in annual extraction of more than 50% or 10 million tonnes per year (whichever is the lesser)? NOTE: Only answer this question if the current ERA project is for an existing mine extracting over 10 million tonnes per year of ROM ore or coal; otherwise select N/A.	☐ Yes ☐ No ☐ N/A

Application to amend an environmental authority

3. Is the proposed amendment for an increase in annual extraction of greater than 25%? <i>NOTE: Only answer this question if the current ERA project is for an existing mine extracting over 20 million tonnes per year of ROM ore or coal extraction; otherwise select N/A.</i>	☐ Yes ☐ No ☐ N/A
4. Would the proposed amendment involve an extension into and significant impact on a Category A or B environmentally sensitive area, which is not already authorised by the State?	☐ Yes ☐ No
5. Would the proposed amendment involve a substantial change in mining operations—such as from underground to open cut, or (for underground mining) a change in operations from one causing little subsidence to one likely to cause substantial subsidence?	☐ Yes ☐ No
6. Would the proposed amendment introduce a novel or unproven resource removal process, technology or activity?	☐ Yes ☐ No
For petroleum and gas activities	
7. Would the proposed amendment involve a total disturbance area of greater than 2,000 hectares at any one time during the life of the proposed project? This includes areas occupied by well pads (single or multi-directional), access tracks and roads, water storages, and process plants?	☐ Yes ☐ No
8. Would the proposed amendment involve the construction of a high pressure pipeline over a distance of 300 kilometres or greater?	☐ Yes ☐ No
9. Would the proposed amendment involve the construction of a liquefied natural gas plant?	☐ Yes ☐ No
☐ I HAVE ATTACHED DETAILS OF HOW THE CRITERION IS TRIGGERED INCLUDING DETAILS OF THE IMPACT.	
* EIS refers to both the EIS process under the <i>EP Act</i> and the EIS process under the <i>State Development and Public Works Organisation Act 1971</i>. * There are numerous criteria used to make the EIS decision, for further information about the EIS process is available at www.qld.gov.au, using the search term 'environmental impact statements'.	

Section 24 – Coal seam gas (CSG) activities (Resource activities only)	
Does the application relate to an EA for a CSG activity that is an ineligible ERA?	☐ No – Go to next section ☐ Yes – Provide details below
Does the amendment change the way that CSG water is managed?	☐ No – Go to next section ☐ Yes – Provide details below
If the amendment will change the way that CSG water is managed the following information must be provided with this application.	
☐ I have attached a document that details: ☐ The quantity of CSG water the applicant reasonably expects will be generated in connection with carrying out each relevant CSG activity. ☐ The flow rate at which the applicant reasonably expects the water will be generated. ☐ The quality of the water, including changes in the water quality the applicant reasonably expects will happen while each relevant CSG activity is carried out. ☐ The proposed management of water including, for example, the use, treatment, storage and disposal of the water.	

Application to amend an environmental authority

The measurable criteria ('management criteria') against which the applicant will monitor and assess the effectiveness of the management of the water, including, for example, criteria for each of the following:

- ☐ (i) the quantity and quality of the water used, treated, stored or disposed of;
 - ☐ (ii) protection of the environmental values affected by each relevant CSG activity; and
 - ☐ (iii) the disposal of waste, including, for example, salt, generated for the management of the water.
- The action proposed to be taken if any of the management criteria are not complied with, to ensure that the criteria will be able to be complied with in the future.

If the application includes a CSG evaporation dam, an evaluation of the following must be provided:

- ☐ (i) best practice environmental management for managing CSG water;
- ☐ (ii) alternative ways for managing CSG water; and
- ☐ (iii) whether there is a feasible alternative to a CSG evaporation dam for managing the water. Note if the evaluation shows that there is a feasible alternative option, the CSG evaporation dam cannot form part of the water management for this amendment application.

Section 25 – Underground water rights (Resource activities only)

Is the activity proposed to be undertaken on a mineral development licence (MDL), mining lease (ML) or petroleum lease (PL)?

- ☐ No – Go to next section
☐ Yes – Provide details below

Does the proposed amendment involve changes to the exercise of underground water rights?

- ☐ No – Go to next section
☐ Yes – Provide details below

- ☐ I have attached a document that details:
- ☐ The areas in which underground water rights are proposed to be exercised.
 For each aquifer affected, or likely to be affected, by the exercise of underground water rights:
 - ☐ (i) a description of the aquifer;
 - ☐ (ii) an analysis of the movement of underground water to and from the aquifer, including how the aquifer interacts with other aquifers and surface water; and
 - ☐ (iii) a description of the area of the aquifer where the water level is predicted to decline because of the exercise of underground water rights; and
 - ☐ (iv) the predicted quantities of water to be taken or interfered with because of the exercise of underground water rights during the period in which resource activities are carried out.
- ☐ The environmental values that will, or may, be affected by the exercise of underground water rights and the nature and extent of the impacts on the environmental values.
- ☐ Any impacts on the quality of groundwater that will, or may happen because of the exercise of underground water rights during or after the period in which resource activities are carried out.
- ☐ Strategies for avoiding, mitigating or managing the predicted impacts on the environmental values of the impacts on the quality of groundwater.

For more information about exercising underground water rights or the associated requirements refer to the guideline [Requirements for site-specific and amendment applications—underground water rights \(detsi.qld.gov.au\)](https://detsi.qld.gov.au/requirements-for-site-specific-and-amendment-applications-underground-water-rights)

Section 26 – Financial assurance / estimated rehabilitation cost

Do you currently have financial assurance or scheme assurance held for the approved EA?

- ☒ No – Go to next section
☐ Yes – Provide details below

- ☐ I will not need to change the financial assurance or scheme assurance in relation to this amendment.

Application to amend an environmental authority

- ☐ I will be changing the financial assurance and have attached the form [Application to amend or discharge financial assurance held for an environmental authority \(ESR/2015/1752\)](#).
- ☐ I will be applying for a new estimated rehabilitation cost decision if this amendment application is approved.

Section 27 – Compliance and enforcement tools or site management plan

Is this land currently subject to an environmental enforcement order (EEO), environmental protection order (EPO), transitional environmental program (TEP) or a site management plan (SMP)?

- ☒ No – Go to next section
- ☐ Yes (EEO) - provide details below
- ☐ Yes (EPO) - provide details below
- ☐ Yes (TEP) - provide details below
- ☐ Yes (SMP) - provide details below

PROVIDE THE REFERENCE NUMBER AND BRIEF DETAILS INCLUDING: DESCRIPTION OF LAND; LOT AND PLAN NUMBERS; AND LOCAL GOVERNMENT AREA.

Section 28 – Environmental management register

Is any part of the land currently recorded in, or has previously been removed from, the environmental management register?

- ☒ No – Go to next section
- ☐ Yes – Provide details below

- ☐ The land is currently in the environmental management register.
- ☐ The land has been removed from the environmental management register.
You must attach evidence (e.g. Notice) advising that the details have been removed.

Section 29 - Website address

Is the application for a mining activity on a mining lease, or a geothermal, petroleum, or greenhouse gas storage activity?

- ☒ No – Go to next section
- ☐ Yes – Provide details below

Provide the website address for the application notice and application documents.

Provide details of the contact person if technical assistance is required.

NAME

TELEPHONE

EMAIL

Application to amend an environmental authority

Section 30 – Site contact	
Would you like to nominate a site contact?	
☐ No – Go to next section ☒ Yes – Provide details below	
SITE CONTACT NAME Glenn Cross	POSITION Director
EMAIL cross.co@hotmail.com	TELEPHONE 0410 329 023
☒ INDICATE IF YOU WANT THE SITE CONTACT TO RECEIVE CORRESPONDENCE VIA EMAIL	
A site contact is an alternative contact nominated by the legal entity which holds, or will in future hold, a relevant authority issued by the department. The department may direct correspondence relating to actual or potential compliance matters to the site contact.	

Section 31 – Payment of fees	
Application fee:	\$ 380.00
For fees payable to the Department of the Environment, Tourism, Science and Innovation	
Preferred ☐ Apply using Online Services – submit the application online and pay by credit card.	
Alternatively ☒ Email the completed application with a request to pay the application fee by BPOINT. Please do not email your credit card details – we will send you a link to pay securely by credit card via BPOINT.	
For fees payable to the Department of Primary Industries	
☐ Payment by cheque or money order made payable to the Department of Primary Industries (attached).	
☐ Please contact me (the applicant) for credit card payment: Phone number: <u>Insert phone no.</u>	
An application fee is payable at the time the application is made. Information on the fee can be located on the website Forms and fees for environmental authorities Business Queensland . Where the proposed amendment is determined by the administering authority to be a major amendment, an assessment fee of 30% of the annual fee for the authority at the time of application, is also payable. The assessment fee is payable once notification of the assessment level decision is issued. The assessment fee must be paid before the assessment of the amendment application can proceed.	
The supplementary annual fee is payable where the amendment is approved and results in the aggregate environmental score (and hence the annual fee) for the EA increasing. The supplementary annual fee is a pro-rata adjustment to the annual fee for the period from when the amended EA takes effect to the next anniversary day for the EA. This is payable within 20 business days after the approval date. The supplementary annual fee can be calculated using the Fee calculator (ESR/2015/1731) .	

Application to amend an environmental authority

Section 32 – Declaration

Note: If you have not told the truth in this application you may be prosecuted.

I declare that:

- I am the holder of the EA, or authorised signatory for the holder of the EA.
- The information provided is true and correct to the best of my knowledge.
- I understand that under section 480 of the EP Act, it is an offence to give the administering authority or an authorised person a document that contains information that I know, or ought reasonably know, to be false or misleading in a material particular.
- I understand that under section 480A of the EP Act, if I am required to give a document to the administering authority, it is an offence to give a document that I know, or ought reasonably to know contains incomplete information in a material particular.
- I understand that failure to provide sufficient information may result in the application being refused. I understand that an incomplete application may be invalid. Invalid applications will be returned without processing and will only be processed if resubmitted with all invalidating issues addressed.
- I understand that all information supplied on or with this application form may be disclosed publicly in accordance with the *Right to Information Act 2009* and the *Evidence Act 1977*.
- If the proposed amendment is made, the relevant activities will continue to comply with the ERA Standard (eligibility criteria and standard conditions) for all eligible ERAs, or where they cannot comply, I have indicated otherwise in my application and provided the required supporting information.
- If the proposed amendment is a minor amendment (condition conversion), I can comply with the ERA Standard (eligibility criteria and standard conditions) for each of the ERAs authorised by the EA.
- If the proposed amendment is made, I will continue to comply with all conditions of my environmental authority as well as any relevant provisions in the EP Act.
- I understand that I am responsible for managing the environmental impacts of these activities, and that approval of this application is not an endorsement by the administering authority of the effectiveness of management practices proposed or implemented.

Where an agreement is in place between all holders of the EA, one holder can sign on behalf of the other joint holders. Please tick the checkbox below.

☒ I HAVE AUTHORITY TO SIGN THIS FORM ON BEHALF OF ALL THE JOINT HOLDERS OF THE EA.

Applicant's or authorised signatory's signature

FULL NAME

Glenn Cross

POSITION

Director

COMPANY / ORGANISATION

Greenfield Road Pty Ltd

SIGNATURE

DATE

10/10/2025

Application to amend an environmental authority

Joint holder(s) signature if applicable		
NAME, POSITION AND COMPANY NAME	SIGNATURE	DATE
NAME, POSITION AND COMPANY NAME	SIGNATURE	DATE
NAME, POSITION AND COMPANY NAME	SIGNATURE	DATE

OR ☐ I HAVE ATTACHED A DOCUMENT THAT PROVIDES THE REQUIRED INFORMATION FOR ALL JOINT HOLDERS.

Where the EA holder is a company, this form must be signed by an authorised person for that company. Where there is more than one holder of the EA, this declaration is to be signed by all holders, unless there is an agreement between all holders that one can sign on behalf of the other(s).

Application to amend an environmental authority

Section 33 - Submission

Please submit your completed application to:

For ERA 2, ERA 3 or ERA 4:

Post: Senior Environmental Scientist
Intensive Livestock Unit
Department of Primary Industries
PO Box 102
TOOWOOMBA QLD 4350

Enquiries Phone: (07) 4688 1374
Fax: (07) 4529 4192
Email: livestockregulator@dpi.qld.gov.au

For a mining ERA where the proposed amendment impacts upon the resource tenure:

Enquiries Mining Registrar
Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development
The Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development has a list of office locations for mining registrars on its website
<https://www.nrmmrd.qld.gov.au>.

For all other ERAs:

Post: Permit and Licence Management
Department of the Environment, Tourism, Science and Innovation
GPO Box 2454
BRISBANE QLD 4001

Enquiries Website: www.business.qld.gov.au
Email: palm@detsi.qld.gov.au
Phone: 13 QGOV (13 74 68)

Applications and enquiries should not be submitted to individual officers. The latest version of this publication can be found at [Application to amend an environmental authority \(ESR/2015/1733\)](#).

Section 34 - Definitions to terms used in this form

(Where there is inconsistency between the definition of terms used here and the terms used in the EP Act, the terms in the EP Act apply)

Condition conversion	For an EA, means an amendment replacing all the conditions of the authority with the standard conditions for the environmentally relevant activity which the authority relates. The relevant eligibility criteria and standard conditions must be able to be met.
Eligibility criteria	For an environmentally relevant activity, means eligibility criteria that are in effect for the activity under – (a) An ERA standard; or (b) A code of environmental compliance; or (c) A regulation in respect of a mining activity.

Application to amend an environmental authority

Environmentally relevant activity (ERA)	A resource activity or a prescribed ERA.
ERA project	A prescribed ERA project or a resource project.
ERA standard	For an environmentally relevant activity, means the eligibility criteria and/ or the standard conditions set by the administering authority.
Major amendment	For an environmental authority, means an amendment that is not a minor amendment.
Material change of use of premises for an ERA	A category of assessable development requiring a development permit under the <i>Planning Act 2016</i> . Refer Schedule 10, Division 2, Item 8 of the Planning Regulation 2017.
Minor amendment	For an environmental authority, means an amendment that is – (a) a condition conversion; or (b) a minor amendment (threshold).
Minor amendment (threshold)	For an environmental authority, means an amendment that the administering authority is satisfied— (a) is not a change to a condition identified in the authority as a standard condition, other than— (i) a change that is a condition conversion; or (ii) a change that is not a condition conversion but that replaces a standard condition of the authority with a standard condition for the environmentally relevant activity to which the authority relates; or (iii) a change that will not result in a change to the impact of the relevant activity on an environmental value; and (b) does not significantly increase the level of environmental harm caused by the relevant activity; and (c) does not change any rehabilitation objectives stated in the authority in a way likely to result in significantly different impacts on environmental values than the impacts previously permitted under the authority; and (d) does not significantly increase the scale or intensity of the relevant activity; and (e) does not relate to a new relevant resource tenure for the authority that is— (i) a new mining lease; or (ii) a new petroleum lease; or (iii) a new geothermal lease under the Geothermal Energy Act; or (iv) a new GHG injection and storage lease under the GHG storage Act; and

Application to amend an environmental authority

	(f) involves an addition to the surface area for the relevant activity of no more than 10% of the existing area; and (g) for an environmental authority for a petroleum activity— (i) if the amendment involves constructing a new pipeline—the new pipeline does not exceed 150km; and (ii) if the amendment involves extending an existing pipeline—the extension does not exceed 10% of the existing length of the pipeline; and (h) if the amendment relates to a new relevant resource tenure for the authority that is an exploration permit or GHG permit—the amendment application under section 224 seeks an amended environmental authority that is subject to the standard conditions for the relevant activity or authority, to the extent it relates to the permit.
Mobile and temporary ERA	A prescribed ERA, other than an activity that is dredging material, extracting rock or other material, or the incinerating of waste: (a) carried out at various locations using transportable plant or equipment, including a vehicle (b) that does not result in the building of any permanent structures or any physical change of the landform at the locations (other than minor alterations solely necessary for access and setup including, for example, access ways, footings and temporary storage areas) (c) carried out at any one of the locations: (iii) for less than 28 days in a calendar year, or (iv) for 28 or more days in a calendar year only if the activity is necessarily associated with, and is exclusively used in, the construction or demolition phase of a project.
Prescribed ERA	An environmentally relevant activity that is not a resource activity and is prescribed under section 19 of the EP Act.
Prescribed ERA project	All prescribed ERAs carried out, or proposed to be carried out, as a single integrated operation.
Registered suitable operator	A person who, or a corporation which, under section 318I of the EP Act has been assessed as being suitable to carry out an ERA and has been listed on the suitable operator register.
Resource activity	An activity that is any of the following: (a) a geothermal activity (b) a greenhouse gas (GHG) storage activity (c) a mining activity (d) a petroleum activity.

Application to amend an environmental authority

Resource project	Resource activities carried out, or proposed to be carried out, under 1 or more resource tenures, in any combination, as a single integrated operation.
Single integrated operation	Occurs when all of the below criteria are met: (a) the activities are carried out under the day-to-day management of a single responsible individual, for example, a site or operations manager; (b) the activities are operationally interrelated; (c) the activities are, or will be, carried out at one or more places; and (d) the places where the activities are carried out are separated by distances short enough to make feasible the integrated day-to-day management of the activities.
Underground water rights	Means any of the following: (a) underground water rights within the meaning of the <i>Mineral Resources Act 1989</i>; (b) underground water rights within the meaning of the <i>Petroleum and Gas (Production and Safety) Act 2004</i>; (c) underground water rights within the meaning of the <i>Petroleum Act 1923</i>, section 87(3).

Application to amend an Environmental Authority

E.A. EPPR00754013 – Greenacres Caravan & Tourist Park

Attachments:

1. Irrigation Management Plan – Policy and Procedures
2. Irrigation Area – Maintenance Checklist
3. Irrigation Management Strategy Checklist
4. Irrigation Set Out Points
5. Site Irrigation Plans – Detailed Amendments
 - a. LAA Plan (Wastewater Design)
 - b. Sectional Plan (Wastewater Design)
 - c. Boundary Plan (Wastewater Design)
6. STP Waste Management (sludge) Policy & Procedures
7. Noise Impact Assessment Report – Greenfield Road Development JT Environmental Consultants
8. Survey Plan – Lot 35 SP 355 717 Canceling Lots 3 & 5 RP 123 875
9. Registered Owners Lease Consent to Survey – Queensland Tittles Registry

Irrigation Management Plan - Policy & Procedure

Contents

1. Introduction	2
2. Setbacks/Buffers	2
3. Irrigation Area protection	2
4. Irrigation Management	2
5. Maintenance	3
6. Impact Assessment	3
7. Monitoring & Compliance	4
8. Personal Protective Equipment	5
9. Attachments:	5
a) Irrigation Area Plan	5
b) Table 1: Irrigation Area Maintenance Checklist	5
c) Wet Weather Storage Implementation Flowchart	5

1. Introduction

This Irrigation Management Plan has been prepared for Greenacres Caravan Park in preparation for the disposal of treated effluent using land application. This document outlines the proposed irrigation area, risks and management required for the system once installed.

The Irrigation Management Plan should be read in conjunction with Environmental authority number EPPR00754013. PERMIT as issued by the administering authority.

The Irrigation Management Plan should also be read in conjunction with the Disaster Management Plan and other policies and procedures associated with the operation and maintenance of the Sewerage Treatment Plant.

2. Setbacks/Buffers

The following setbacks/buffers are provided and demonstrated against the AS1547:2012 Onsite Domestic Wastewater Management standard. The buffer area on the northern and western boundary of Lot 5/RP123875 provides a greater than 5 metre setback for both the property boundary, as well as potential buildings or tanks on neighbouring properties. The gentle slope down towards these properties indicates that this higher setback should be used rather than the minimum 1.5 metre setback.

3. Irrigation Area protection

The irrigation area has been protected from potential run-on and stormwater by building an upslope diversion drain or berm. The irrigation area has also been heightened to ensure no further ingress from surrounding areas.

4. Irrigation Management

The following items provide detail for the management of the irrigation system.

4.1 Irrigation Method The irrigation method is via sub-surface pressure compensated drip line or drip emitters. Pressure compensated line is required to ensure even distribution of effluent at low application rates across a variety of gradients. The use of sub-surface irrigation significantly reduces the public health risk as access to the irrigated effluent is restricted, and reduces the risk of surface saturation and potential effluent runoff, whilst placing the treated effluent in the root zone of the plants in the area.

4.2 Irrigation Control and Timing The effluent irrigation area has been split into 14 zones, with irrigation application controlled via automatic distribution or sequencing valves. This assists with pressure, allows even control of watering and allows for increased control of timing and application rates in different zones (if required). Irrigation application will be controlled via an automatic irrigation controller. The irrigation controller will rotate through the irrigation zones to ensure even distribution of treated effluent across all irrigation areas. Program irrigation must ensure even delivery of treated effluent to the various zones.

4.3 Water Source Quantity Pressure will be provided via a set of irrigation pumps, drawing irrigation water from the wet weather storage. A standard set of pressure boosting pumps, controlled via pressure in the irrigation distribution system should be sufficient and are recommended for use. The flows to the irrigation area must be recorded on a daily basis. This will be conducted manually by the treatment plant operator, with flows recorded in a logbook.

4.4 Rainfall An automatic rainfall irrigation shut off will be required for the irrigation controller, shutting the system down if more than 20mm of rainfall is detected. A tipping gauge or similar rain sensor that can be adjusted will be required.

4.5 Wet Weather Storage At least 40 kL of wet weather storage is required to store treated effluent when irrigation cannot proceed due to rainfall. (See attached Wet Weather Storage activation flowchart attached).

4.6 Manual override When the soil profiles are at or near saturation effluent irrigation should be manually overridden and treated effluent sent to wet weather storage. Visual indications of saturation are when the irrigation area is waterlogged or surface ponding is

5. Maintenance The irrigation system requires routine maintenance and checking. The following table provides a general overview of the required maintenance, including frequencies and actions. More detailed maintenance log sheets will need to be developed after the installation of the irrigation system based upon the requirements of the equipment manufacturers.

See attached Table 1 for Details.

6. Impact Assessment

6.1 Soil Sustainable irrigation relies on maintaining the sustainability of the soil in the area. The following items may indicate a problem with the soil in the irrigation area, and should be investigated;

6.1.1 Waterlogging Waterlogging within the irrigation area indicates the permeability of the soil is not sufficient to cope with the volume or load of irrigation water applied. If waterlogging is patchy, it could indicate a break or damage to an irrigation emitter or distributor, which should be investigated and repaired as soon as possible. Waterlogging over a large area indicates hydraulic overloading of the irrigation field and a water reduction scheme or assessment of the treated effluent volume generation on site should be conducted.

6.1.2 Sodidity/Salinity/Nutrient assimilation Modelling of the irrigation area indicated that there is no expected increase in salinity or sodicity and low nutrient leaching under the management strategy outlined in this IMP. Soil structure and health will be monitored for unexpected changes in the parameters outlined within the soil analysis proposed in Section 6.3, such as; • Salinity from Electrical Conductivity; • Sodidity from Emerson Aggregate Dispersion, CEC and Exchangeable Cations; • Soil fertility/nutrient assimilation from nitrogen,

phosphorus and soil carbon.

6.2 Groundwater The risk of deep drainage is considered low and far lower than the previous release of treated effluent to surface waters at the tributary of Coolnwynpin Creek. As such, modelling was conducted to determine if an increased irrigation rate with a reciprocal increase in deep drainage would result in nutrient leaching to groundwater. Modelling indicated that the leaching below the root zone was considered low and as such, sustainable for the irrigation area. The groundwater at the site is predicted to be greater than 30 m below the natural ground level based upon the bore log data for registered bores in the surrounding area.

6.3 Vegetation The vegetation in the irrigation area is used for the uptake of nutrients and evapotranspiration of treated effluent. Regular mowing or slashing and the removal of clippings and green waste from the irrigation areas is required to remove the nutrients taken up by the plants via the application of treated effluent. Clippings can be used elsewhere within the caravan park, composted or disposed of to landfill.

7. Monitoring & Compliance

7.1 Water Quality The quality of the treated effluent should be monitored in accordance with the Environmental Authority. The following additional operational monitoring (as well as that conducted for routine monitoring) may be performed to assist in troubleshooting any potential problems, if they are encountered within the irrigation area;

7.2 Monitoring of treated effluent release to disposal area

Treated effluent released to land must be monitored in accordance with condition L2 of the EA.

Name	Location	Quality Characteristics/Indicator Units	Minimum Monitoring Frequency
MP1	Irrigation pump located immediately before departure to irrigation area.	Daily Disposal volumes (KL)	Continuous daily
MP2	Exit of STP at chlorination tank	Daily disposal rates (mm) pH (pH Units) Free Chlorine Residual (mg/L) E Coli (cfu/100ml) Total Nitrogen (mg/L as N) Total Phosphorus (mg/L as P) Electrical Conductivity	Monthly

7.2 Other Records Record any incidents, including but not limited to the following as a means of self-managing risk;

- a) Treated effluent escape or pipeline breakages;
- b) Odour or other complaints from residents or neighbours;
- c) Maintenance issues and fixes performed;
- d) Any changes to normal disposal practises. Be sure to include dates and any actions taken.

7.3 Daily and weekly Irrigation Maintenance Worksheets are to be completed and signed

8. Personal Protective Equipment

Personal Protective Equipment (PPE) should be worn.

- Face mask or eye protection.
- Gloves.
- Boots.
- Workwear/Overalls.
- Sunscreen

9. Attachments:

- a) Irrigation Area Plan
- b) Table 1: Irrigation Area Maintenance Checklist
- c) Wet Weather Storage Implementation Flowchart

I have read and understand the above Irrigation Management Plan/Procedure. I also understand that it is my responsibility to comply with this plan/procedure.

Employee Name: _____

Employee Signature: _____ Date: _____

TABLE 1 - IRRIGATION AREA MAINTENANCE CHECKLIST

IRRIGATION AREA MAINTENANCE CHECKLIST		
CHECK ITEM	FREQUENCY	ACTION
Irrigation System Distribution & Pipe Area		
Uniformity	Daily	Ensure flow and visual observations indicate irrigation is distributed uniformly over irrigation areas.
Check for Leaks or Breaks	Daily	Waterlogged patches or dead patches in the irrigation area must be rectified quickly
Landscaping	Monthly	Visually inspect berms and landscape features for damage. Repair damage as soon as noted
Ensure pipework protected from damage	Monthly	Ensure lines are buried 150mm below ground level to ensure in root zone, protected against UV damage and lawn mower damage
Best Practice Water Efficiency	Monthly	Use rates and flow meter readings to determine if any improvements in water use can be implemented.
Check for Blockages	Monthly	Ensure a field flush line is installed in the return line to facilitate flushing back to the treatment system. Ensure that chlorinated effluent is not returned to the primary chamber of the treatment system where the chlorine may adversely affect the biological treatment process.
Stormwater Diversion	Monthly	Ensure stormwater drains and diversions are appropriate to avoid stormwater from entering the irrigation area.
Vegetation		
Nutrient Removal/Harvesting	Monthly	Remove grass clippings and garden waste from irrigation area
Plant death checks	Monthly	Check any areas of plant death. Investigate why this may have occurred and reseed with Kikuyu/Ryegrass seed blend.
Signage/Exclusion		
Check of Signage	Monthly	Ensure signage is legible and up to date. Notices must be in a prominent position showing area as irrigated with effluent and advising not to drink the water.
Pumps		
Service	As per manufacturers requirement	Check service pumps as per manufacturers requirements

Check Operation	Weekly	Check pressure reading on discharge line. Open flush valve and ensure pumps start once pressure in the manifold drops.
Check Operation	Monthly	Valves Open and close all manual valves through full range to ensure that they open and close.
	Monthly	Trigger automatic valves from control system and ensure the actuate.
Filter Blockage	Weekly	Irrigation Filter Check pressure gauge on filters. If gauge reads above manufacturers recommended drop, ensure filter element is cleaned (may require dismantling)
	Monthly	Open downstream flush valve and check for flow.
Check Operation	Weekly	If automatic filter is used initiate a clean cycle.
Check Operation	Monthly	Flowmeter Check operation of flowmeter
	Yearly	Check calibration of flowmeter
Recording flowrates	Daily	record daily flow rates

3.7 Management Strategy Summary

Follow the flow chart in Figure 5 below to determine if irrigation should proceed for the day.

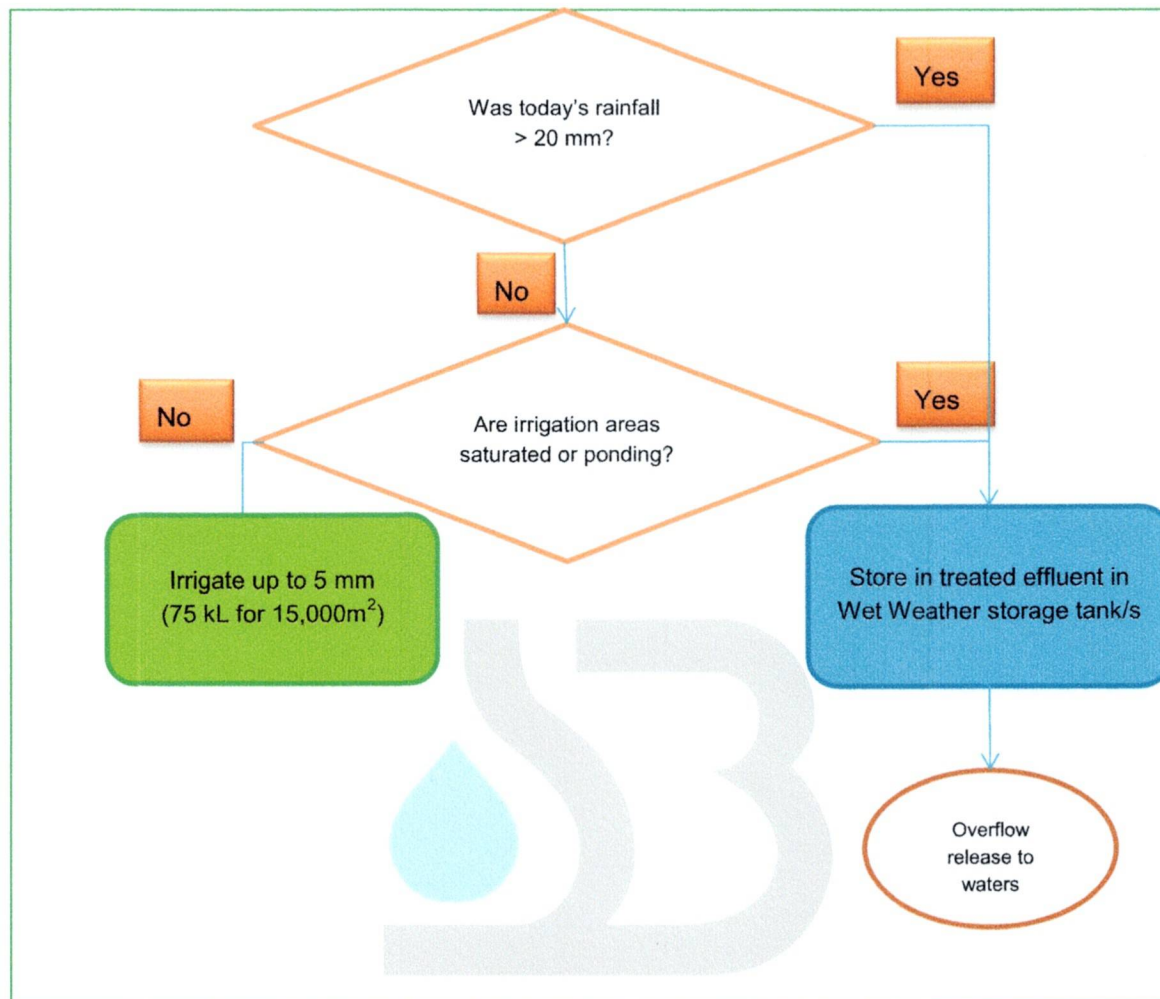
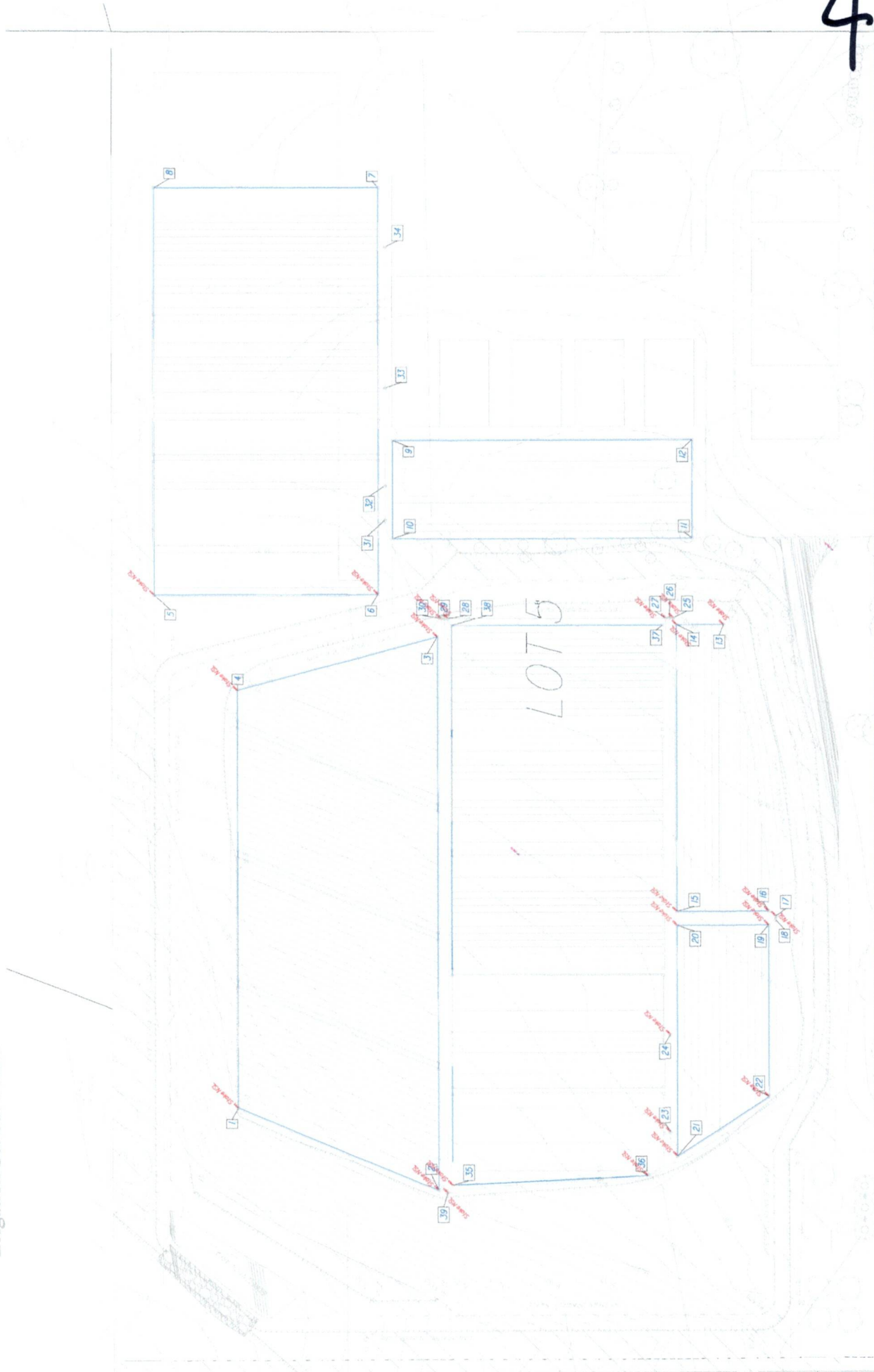


Figure 5 Irrigation Management Strategy

ATTACHMENT 4
Irrigation Set out Points

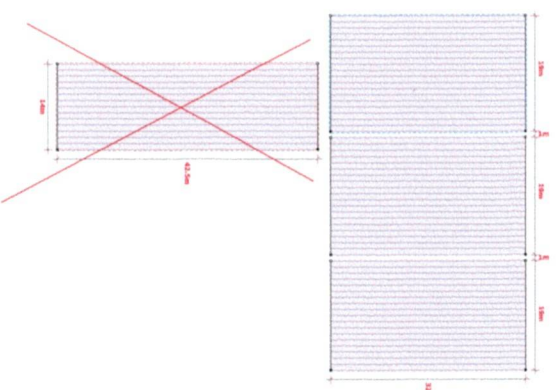
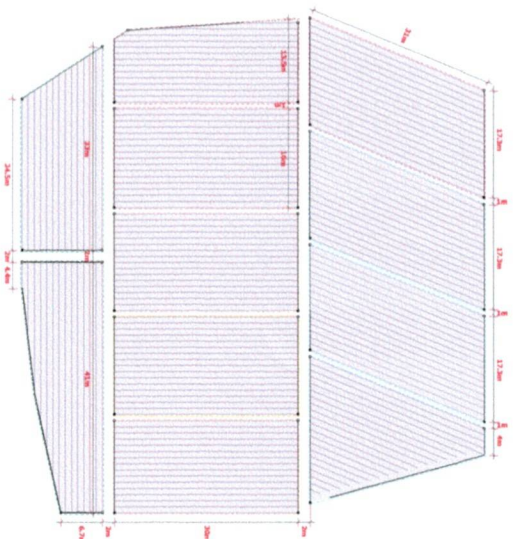


Updated version of the irrigation site plan that clearly only shows the irrigation areas $5991.39 + 3037.55 = 9028.94\text{m}^2$

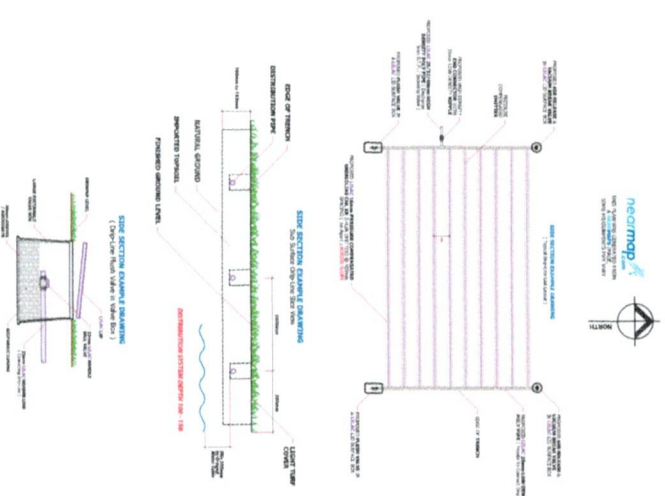
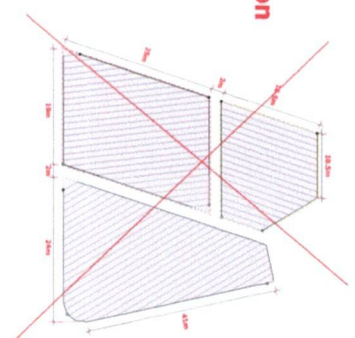
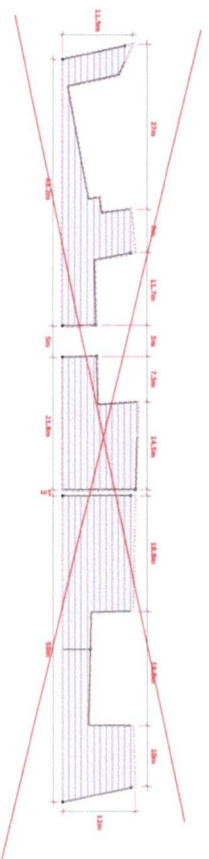
٧٠٨

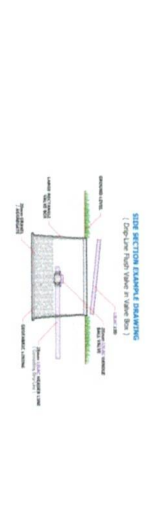
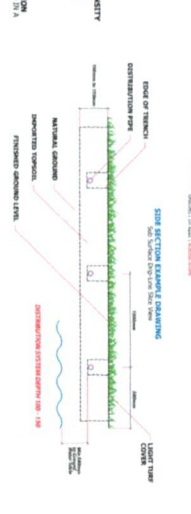
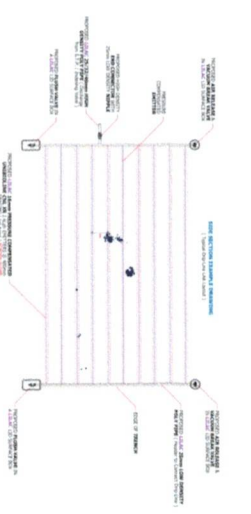
5991.39m2

3037.55m2

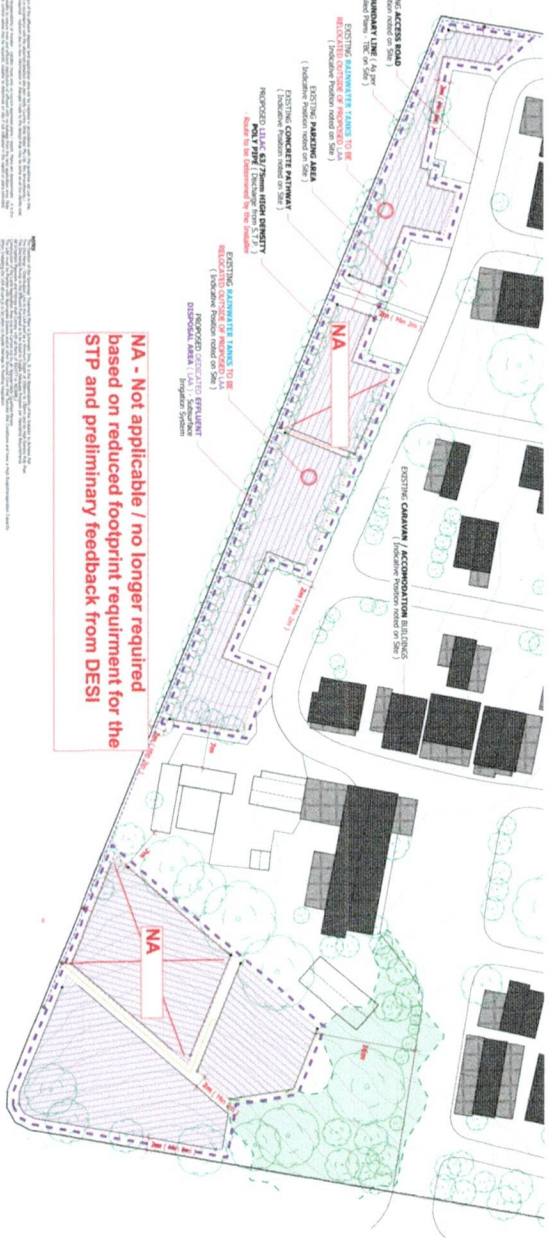


Not relevant for amended application



[illegible]

Abstract The purpose of this study was to examine the effects of a 12-week, low-intensity, low-impact, and low-impact aerobically fit individuals. The study was conducted in a laboratory setting. The subjects were 12 females, aged 20-30, who were aerobically fit and had no history of injury. The subjects were divided into two groups: a control group and an experimental group. The control group performed a 12-week, low-intensity, low-impact, and low-impact aerobically fit individuals. The experimental group performed a 12-week, low-intensity, low-impact, and low-impact aerobically fit individuals. The subjects were tested at baseline and at the end of the 12-week period. The results of the study showed that the experimental group had significantly higher levels of aerobic fitness, as measured by the 12-minute step test, compared to the control group. The subjects in the experimental group also reported higher levels of energy and endurance during the 12-week period. The results of this study suggest that a 12-week, low-intensity, low-impact, and low-impact aerobically fit individuals can improve aerobic fitness and energy levels.

[illegible]

Neomaps
 The Neomaps 2000 is a portable water supply system for motorhomes and caravans. It is designed to provide a reliable water supply for up to 10 people.

MAIN WATER POINTS

1. Water inlet from the motorhome or caravan.
 2. Water inlet from the motorhome or caravan.
 3. Water inlet from the motorhome or caravan.
 4. Water inlet from the motorhome or caravan.
 5. Water inlet from the motorhome or caravan.
 6. Water inlet from the motorhome or caravan.
 7. Water inlet from the motorhome or caravan.
 8. Water inlet from the motorhome or caravan.
 9. Water inlet from the motorhome or caravan.
 10. Water inlet from the motorhome or caravan.

ELECTRIC CABLES AND ADAPTER

1. Electric cable from the motorhome or caravan.
 2. Electric cable from the motorhome or caravan.
 3. Electric cable from the motorhome or caravan.
 4. Electric cable from the motorhome or caravan.

[illegible][illegible][illegible][illegible]

AERIAL MAP OF THE PROPOSED PROJECT AREA

10TH STREET FREEWAY (I-5)

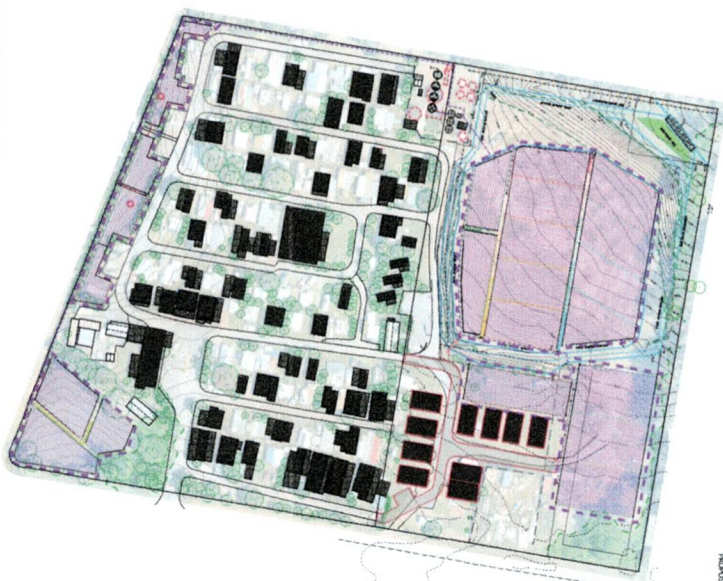
HARBOR FREEWAY (I-10)

LOS ANGELES AIRPORT

0 100 200 300 400 500 600 700 800 900 1000

Feet

North Arrow

[illegible]

An aerial photograph overlaid with planning maps. Pink shaded regions indicate proposed developments or subdivisions. Red lines represent existing roadways. Blue areas show water bodies, likely a river or stream. Dashed purple lines delineate specific lots or parcels within the proposed areas. Some handwritten notes are visible on the map, such as "Proposed" and "Existing".

A detailed site plan for a proposed development. The plan shows a large rectangular area outlined by a dashed purple line, representing the proposed development footprint. Within this area, there are several smaller rectangular shapes, some filled with light green hatching, possibly indicating landscaping or specific building footprints. To the left of the main development area, there are two dark grey rectangular areas, likely representing existing buildings or paved surfaces. The plan also includes various boundary lines, including a solid black line and a dashed black line. A north arrow is located in the upper right corner, pointing towards the top right. A scale bar is located in the lower right corner, indicating a distance of 0 to 10 feet. A legend in the lower right corner identifies symbols for "SLOPE" (indicated by a triangle) and "LAA" (indicated by a circle). A note at the bottom left states "EXISTING FENCE - Discontinuation noted on Site 7". A note at the bottom center reads "PROPOSED ACCESS ROAD". A note at the bottom right reads "10% SLOPE". A note at the top right reads "1/2\"

[illegible][illegible][illegible][illegible]

Hand-drawn site plan showing a proposed building footprint (shaded area), existing fence (dashed line), and proposed access road (solid line). The plan includes a north arrow, a scale bar, and a legend.

Legend:

- PROPOSED ACCESS ROAD
- EXISTING FENCE (Dashed line)
- PROPOSED BUILDING FOOTPRINT

Scale: 1" = 10' (0.3m)

North Arrow

Waste Management Sewerage Treatment Plant– Policy and Procedures

1. Purpose

The purpose of this Policy is to detail how waste product other than treated wastewater effluent is to be treated and disposed of from the Sewerage Treatment Plant.

2. Types of Waste

There are two different types of waste (other than treated wastewater) released from the Sewerage Treatment Plant:

- a. Excess/non activated sludge: Sludge waste may from time to time accumulate in the primary sedimentation tanks and the clarifier requiring removal from the system. Roughly every six months.
- b. Waste Sludge from the anaerobic Digester: The waste sludge from the anaerobic digester is release from time to time out of the Digester onto the sand drying bed located inside the STP.

3. Method of Removal:

- a. Excess/Non-Activated Sludge: This sludge is pumped out by a principal contractor roughly every 6 months for disposal at approved dumping locations. Our current Contractor is JJ Richards.
- b. Waste Sludge Drying Bed: Waste sludge from the drying bed is dried out and then removed and dumped in the approved garden bed located within the caravan park as per E.A. requirements.

The area in which the sludge is dumped is barricaded off until dumping has been completed

Greenacres Caravan & Tourist Park
July 2024



Employees Name: _____

Signed: _____

Date: _____



JTENVIRONMENTAL
ENGINEERING
CONSULTANTS

• Telephone 0417 727 981
• Facsimile 07 5530 7521 • ABN 68 467 757 073

Application Details	
Application Type	Development Permit – Material Change of Use
Street Address	8-12 Greenfield Road, Capalaba
Client	Galarate Pty Ltd
Local Government Area	Redlands City Council
Date	September 2022

In support of an application for

**Material Change of Use - Extension to relocatable
home park -
Noise Impact Assessment**

74

©This document is and will remain the property of JT Environmental Pty Ltd. The document may only be used for the purposes for which it was commissioned and in accordance with the Terms of Engagement for the commissioning. Unauthorised use of this document in any form whatsoever is prohibited.

© 2022 – JT Environmental Pty Ltd
ABN 64081048723

P.O Box 1057, Mudgeeraba Qld 4213
P: 0417 727 981
F: 07 5530 7521
E: tyson@jtenvironmental.com.au

Limitations

This report was prepared for the sole use of Galarate in accordance with generally accepted consulting practice. No other warranty, expressed or implied, is made as to the professional advice included in this report. This report has not been prepared for use by parties other than the client, the owner and their respective consulting advisors. It may not contain sufficient information for the purposes of other parties or for other uses. It is recommended that any works planned by others and relating specifically to the content of this report be reviewed by JT Environmental Pty Ltd to verify that the intent of our recommendations is properly reflected in the final design. To the best of our knowledge, information contained in this report is accurate at the date of issue.

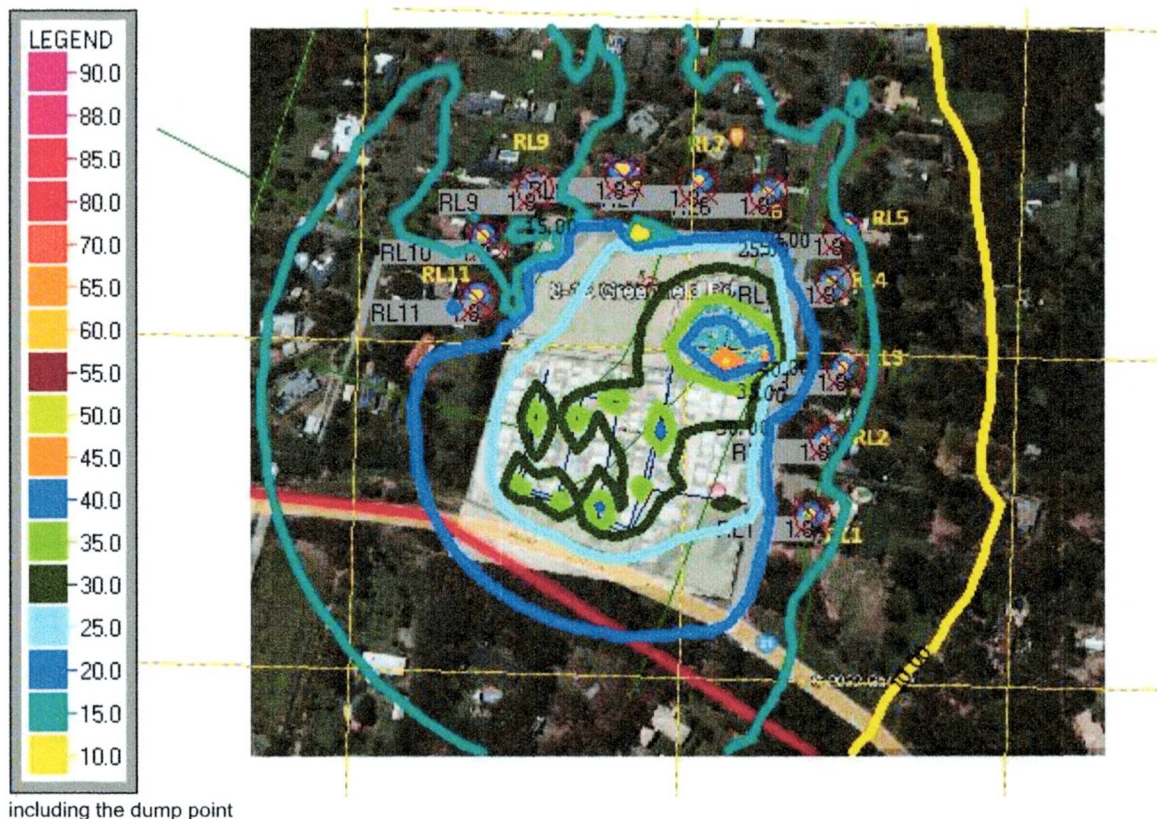
Document Status					
Rev No.	Author	Reviewer	Approved for Issue		
			Name	Signature	Date
A	JLM	TCD	TCD		02.09.22
B	JLM	TCD	TCD		07.09.22

70

TABLE OF CONTENTS

EXECUTIVE SUMMARY.....	4
1.0 INTRODUCTION.....	5
OVERVIEW	5
1.2 RCC INFORMATION REQUEST.....	6
2.0 SITE DESCRIPTION	7
2.1 AERIAL PHOTOGRAPH.....	7
3.0 MEASURED NOISE LEVELS.....	8
3.1 MEASURED EXISTING AMBIENT NOISE LEVELS	8
4.0 NOISE CRITERIA AND LIMITS	9
4.1 RCC SENSITIVE RECEPTOR CRITERIA	9
5.0 ASSESSMENT OF NOISE IMPACT	9
5.1 ON-SITE OPERATIONS.....	9
6.0 CONCLUSION.....	11
7.0 RECOMMENDATIONS	12
8.0 NOISE MANAGEMENT PLAN – WASTE COLLECTION VEHICLES.....	12
9.0 APPENDIX	13
9.1 APPENDIX A – SITE PLAN.....	13
9.2 APPENDIX B – NOISE CONTOUR PLANS.....	14
APPENDIX C – MODELLED RECEPTORS	15
APPENDIX D – AMBIENT NOISE MODELLING.	18
APPENDIX E – RESULTANT NOISE MODELLING.	19

7.0



6.0 CONCLUSION

For the proposed development, compliance with the EPP Noise Acoustic objectives are achieved for the proposed office building. PEN3D2000 modelling scenarios have been conducted for Vehicles, waste collection vehicles and plant and equipment. Noise impact contours have been provided to visually demonstrate the impacts at the upper levels of the adjoining receptors.

This has demonstrated that the resultant levels at this closest receptor will be below the current background noise levels monitored at ML1. It is on this basis there seems to be no identified reason for the proposed building to not be approved. The impact on the sensitive receptors will be negligible.

7 61

7.0 RECOMMENDATIONS

1. The proposed use complies with the noise criteria from the planning scheme policy and EPP Noise Schedule 1.

8.0 NOISE MANAGEMENT PLAN – WASTE COLLECTION VEHICLES

The main sources of noise associated with domestic waste management is the emptying of recyclable materials into collection vehicles, vehicle noise and reversing alarms on collection vehicles. Waste is collected at least once per week. In some areas, waste is collected daily and therefore noise can be a significant concern for residents.

Better practice principles that should be incorporated to reduce noise include:

- Locating bin bays and collection points far enough away from residents to reduce the impact of the noise of bin use and waste collection;
- Chutes, if installed, should be well insulated to avoid noise disturbing neighbouring units;
- Select appropriate surfacing materials that will assist in minimising noise for pathways and driveways that bins will need to be wheeled over;
- Consider how material will be transferred into bins or static compactors at storage points;

SURVEY PLAN

Sheet
1 of
2

8

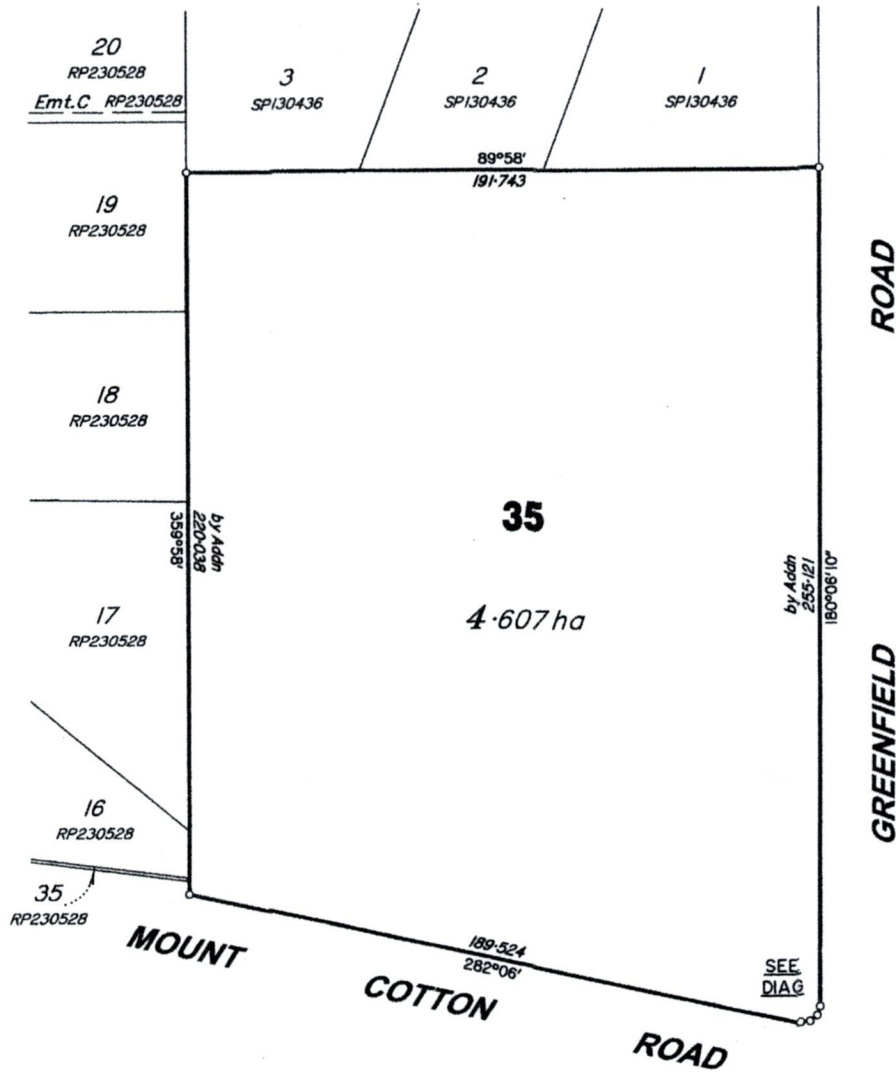
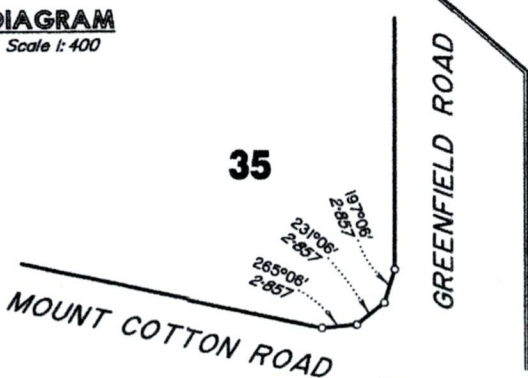


DIAGRAM
Scale 1:400



0m 75m 150m 225m
0 50 100 150 State copyright reserved.

Intrax Consulting Engineers Pty Ltd (ABN 31 106 481 252) hereby certify that the corporation, by Philippa Jane STOREY, Cadastral Surveyor, for whose work the corporation accepts responsibility, has made this plan under Section 18 of the Survey and Mapping Infrastructure Regulation 2024 and pursuant to the Survey and Mapping Infrastructure Act 2003 and Surveyors Act 2003 and associated Regulations and Standards and that the plan is accurate, and compiled from RP123875 in the Department of Natural Resources and Mines, Manufacturing and Regional and Rural Development.

Plan of Lot 35

Cancelling Lots 3 & 5 on RP123875

LOCAL
GOVERNMENT: REDLAND
CITY COUNCIL

LOCALITY: CAPALABA

Meridian: SP123875

Survey
Records: No

Scale: 1:1500

Format: STANDARD



SP355717

Date: 26/05/25

Authorised
Delegate

Authorised
Delegate

DRAWN - Sharfield's

IN250305

SP13940

WARNING : Folded or Mutilated Plans will not be accepted.
Plans may be rolled.
Information may not be placed in the outer margins.

Sheet
2 of 2

(Dealing No.)

4. Lodged by

8

(Include address, phone number, email, reference, and Lodger Code)

Existing		Created		
Title Reference	Description	New Lots	Road	Secondary Interests
14400061	Lot 3 on RP123875	35		
14400063	Lot 5 on RP123875	35		

602462103 (EmlA on RP126633) fully extinguished in Lot 35 in terms of s.87 of Land Title Act 1994.

MORTGAGE ALLOCATIONS

Mortgage	Lots Fully Encumbered	Lots Partially Encumbered
714387996		35
714387997		35

6. Building Format Plans only.

I certify that :

- * As far as it is practical to determine, no part of the building shown on this plan encroaches onto adjoining lots or road;
- * Part of the building shown on this plan encroaches onto adjoining * lots and road

..... *
Cadastral Surveyor/Director Date
*delete words not required

7. Lodgement Fees :

Survey Deposit \$.....
Lodgement \$.....
..... New Titles \$.....
Photocopy \$.....
Postage \$.....
TOTAL \$.....

8. Insert Plan Number
SP355717

35	Por.118
Lots	Orig

2. Orig Grant Allocation :

5. Passed & Endorsed :

3. References :

Dept File :

Local Govt :

Surveyor :

S#213940

By :

Date :

Signed :

Designation :

DRAWN - Stonfield's
IN250305
SP#213940

REGISTERED OWNERS/LESSEES CONSENT TO SURVEY PLAN

QUEENSLAND TITLES REGISTRY
Land Title Act 1994 and Land Act 1994

FORM 18A Version 1
Page 1 of 1

1. Survey Plan being consented to

Survey Plan Number SP355717

Registered Owners/Lessees Galarate Pty Ltd ACN 103 543 933 as trustee under instrument 707144429 and
(names in full) Bronze Lilly Pty Ltd ACN 103 551 006 as trustee under instrument 707144429

2. Consent by Registered Owner/Lessee

As registered owners of this land, we agree to this plan and dedicate the Public Use Land as shown on this plan in accordance with Section 50 of the Land Title Act 1994.

GALARATE PTY LTD ACN 103 543 933

.....
Sole Director

.....
Secretary

.....
Registered Owner/Lessee Signature/s

BRONZE LILLY PTY LTD ACN 103 553 006

.....
Director

.....
Director

.....
Registered Owner/Lessee Signature/s

Privacy Statement

Collection of information from this form is authorised by legislation and is used to maintain publicly searchable records. For more information see the Department's website.