

From: Natacha Jones
Sent: 6 Feb 2018 16:03:02 +1000
To: Planning (Shared)
Subject: New Application for Operational Works Dam site - Leadingham Ck Rd, Dimbulah - OPW/18/0002
Attachments: Statecode16Nativevegetationclearing-responsetemplate-completed.docx, DA Form 1 - Development application details-completed.docx, 22A_Decision_approved_Letter_20170915_signed.pdf, Damsite_Design_V1.3_2017.pdf, RegulatedVegetationManagementMap-20170527134627695000.pdf

From: Edward Balzarolo [<mailto:balzofarming@gmail.com>]
Sent: Monday, 5 February 2018 4:03 PM
To: Carl Ewin <CarlE@msc.qld.gov.au>
Subject: Re: Dam site -Leadingham Ck Rd

Hi Carl

Please find attached all of the relevant documents for a development permit for the construction of a dam at my property.

If you require any further information please contact me.

Regards

Edward Balzarolo

M: 0429 935 474

On 28/Sep/2017, at 9:42 am, Carl Ewin <CarlE@msc.qld.gov.au> wrote:

Edward,

If you were to apply for and gain approval for operational works - earthworks (water storage dam), the approval would last for 2 years (i.e. 2 years to complete the works).

Worst case scenario, you could also apply to extend this period closer to the 2 year lapse date.

Regards,

Carl Ewin
Planning Officer

<image001.png>

Phone: 1300 308 461 | **Direct:** 07 4086 4656 | **Fax:** 07 4092 3323

Email: carle@msc.qld.gov.au | **Website:** www.msc.qld.gov.au

65 Rankin Street, Mareeba | PO Box 154, Mareeba, Queensland, Australia, 4880

From: Edward Balzarolo [<mailto:balzofarming@gmail.com>]

Sent: Wednesday, 27 September 2017 9:16 PM

To: Carl Ewin

Subject: Re: Dam site -Leadingham Ck Rd

Hi Carl,

I was wondering if I get approval for construction of a dam does the approval expire within a time limit? The original contractor I had lined up to do the job has other jobs that he has committed to and may not get to do mine till the end of the year.

This may be a tricky time to begin construction especially if we start getting storm rains. Therefore we may have to wait until after the upcoming wet season which may mean delaying construction till April/May/June next year.

Reagards

Edward Balzarolo

On 20/Sep/2017, at 10:41 am, Carl Ewin <CarlE@msc.qld.gov.au> wrote:

Hi Edward,

Yes your dam will be code assessable operational works and MSC will be the assessment manager.

The dam is a referrable dam if an "failure impact assessment is required". A failure impact assessment is required in the following instances:

343 When dam must be failure impact assessed

(1) A person who proposes to construct a dam must have the dam failure impact assessed if the dam, after its construction, will be—

(a) more than 10m in height and have a storage capacity of more than 1,500ML; or

(b) more than 10m in height and have a storage capacity of more than 750ML and a catchment area that is more than 3 times its maximum surface area at full supply level.

Maximum penalty—1,665 penalty units.

So I doubt your dam will be referable. We will need any documentation you get from SARA and DNRM as well.

With regards to the portable long service levy, this is not a Council concern and is something you will need to discuss with the construction contractor.

Regards,

Carl Ewin
Planning Officer

<image001.png>

Phone: 1300 308 461 | **Direct:** 07 4086 4656 | **Fax:** 07 4092 3323
Email: carle@msc.qld.gov.au | **Website:** www.msc.qld.gov.au
65 Rankin Street, Mareeba | PO Box 154, Mareeba, Queensland, Australia, 4880

<image002.png>

From: Edward Balzarolo [<mailto:balzofarming@gmail.com>]
Sent: Sunday, 17 September 2017 7:31 AM
To: Planning (Shared)
Subject: Re: Dam site -Leadingham Ck Rd RE: Bryan

Morning Carl,

I have some questions with regards to form 1.

- Will my dam be an operational work development that is code assessed?
- I assume the MSC will be the assessment manger?
- In Part 5 i'm not sure if the dam is a referable dam. I will attached supporting documents from SARA and DNR&M that address issues with vegetation classified as Category B that will get inundated potentially by water.
- In Part 7 it asks if the portable long service levy has been paid. Does this apply to my development?

Thanks for your consideration

Regards

Edward Balzarolo

On 01/Sep/2017, at 9:45 am, Planning (Shared)
<planning@msc.qld.gov.au> wrote:

Sorry Edward,

See attached Form 1.

Carl Ewin
Planning Officer

<image001.png>
Phone: 1300 308 461 | **Direct:** 07 4086 4656 | **Fax:** 07 4092 3323
Email: carle@msc.qld.gov.au | **Website:** www.msc.qld.gov.au
65 Rankin Street, Mareeba | PO Box 154, Mareeba, Queensland, Australia,
4880



Go green, keep it on screen - think before you print

From: Carl Ewin
Sent: Friday, 1 September 2017 8:56 AM
To: 'Edward Balzarolo'
Subject: RE: Dam site -Leadingham Ck Rd RE: Bryan

Hi Edward,

See attached Form 1 (there is no form 6 anymore).

I would probably wait until you get the determination and response from DNRM, if there isn't one included with the application material we will just ask for it in an information request and will have to wait for it anyway.

Once the application is lodged with Council it should only take a few days to assess.

Regards,

Carl Ewin
Planning Officer

<image001.png>
Phone: 1300 308 461 | **Direct:** 07 4086 4656 | **Fax:** 07 4092 3323
Email: carle@msc.qld.gov.au | **Website:** www.msc.qld.gov.au

65 Rankin Street, Mareeba | PO Box 154, Mareeba, Queensland, Australia, 4880

 Go green, keep it on screen - think before you print

From: Edward Balzarolo [<mailto:balzofarming@gmail.com>]
Sent: Friday, 1 September 2017 7:17 AM
To: Carl Ewin
Subject: Re: Dam site -Leadingham Ck Rd RE: Bryan

Hi Carl,

I am seeking further advice on how to proceed with planning approval for a proposed dam I want to construct on my property. To date the dam requires referral agency assessment as advised by SARA FNQ. I have completed a form which addresses the relevant assessment criteria. At present I am waiting for section 22a determination which is being assessed by Gus MacLaurin 4222 5435 from DNRM. The dam design has been modified and Jeff Benjamin has liaised with Allan MacPherson to have the design certified. I have spoken to Tim Gale from DNRM and he has advised that no authorisations are required under the Water Act 2000.

Where would source the IDAS forms 1, and 6? Can I submit these forms, once completed, with all the other documents while waiting for section 22a determination?

Regards,

Edward Balzarolo

From: Edward Balzarolo [<mailto:balzofarming@gmail.com>]
Sent: Tuesday, 6 February 2018 9:35 AM
To: Carl Ewin <CarlE@msc.qld.gov.au>
Subject: Fwd: Overland flow within Lot 88 on Plan HG88

Hi Carl

I forgot to add this email from Tim Gale which outlines the dam would not require any authorisations under the Water Act 2000.

Regards

Edward Balzarolo

Begin forwarded message:

From: GALE Tim <Tim.Gale@dnrm.qld.gov.au>
Subject: Overland flow within Lot 88 on Plan HG88
Date: 29 May 2017 at 12:11:19 pm AEST
To: "balzofarming@gmail.com"
<balzofarming@gmail.com>

Hi Edward

In regards to your enquiry about requirements for constructing an overland flow dam on Lot 88 on Plan HG88. I can confirm that Overland Flow is not managed at this location and there is subsequently no authorisations required under the Water Act 2000 for the interfering with or taking of overland flow within Lot 88 on Plan HG88.

I have viewed Lot 88 on Plan HG88 on google earth and cannot see any feature within this property that would be considered a watercourse under the Water Act 2000. Note however that Lot 88 on Plan HG88 is located adjacent to Leadingham Creek. Any works should be located outside of the high banks of the Leadingham Creek. If any works are located within the banks of Leadingham Creek approvals may be required under the Water Act 2000.

As discussed this advice does not negate your requirements to obtain any other approvals needed under other legislation.

Regards



Tim Gale
Senior Natural Resources Officer
Water Services | North Region
Department of Natural Resources and Mines

P: 40170177

E: tim.gale@dnrm.qld.gov.au

A: 28 Peters Street, Mareeba 4880 | PO Box 156

W: www.dnrm.qld.gov.au

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On 23/May/2017, at 9:37 am, Carl Ewin
<CarlE@msc.qld.gov.au> wrote:

Hi Edward,

The proposed dam construction includes a significant retaining wall.

Please talk to Jeff about getting an Registered Professional Engineer of Queensland (RPEQ) on board to certify the plans and dam construction. He has recently used PDR Engineers on another dam near Dimbulah.

Once the plans have been certified by an RPEQ, an operational works application can be submitted to Council (IDAS Forms 1, 6 and plans)

The application fee will be 1.5% of the cost of works and a construction monitoring fee of 1.5% of the cost of works will also be payable as a technical officer will be monitoring construction.

Unless you have already done so, I advise you to check with the Department of Natural Resources and Mines regarding the damming of the watercourse, that they may have concerns with.

Regards,

Carl Ewin
Planning Officer

<image001.png>

Phone: 1300 308 461 | **Direct:** 07 4086 4656 | **Fax:** 07 4092 3323

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Queensland, Australia, 4880



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State code 16: Native vegetation clearing

Table 16.2.2: General

Performance outcomes	Acceptable outcomes	Response
Clearing avoids or minimises impacts		
PO1 Clearing and adverse impacts of clearing do not occur unless the application has demonstrated that the clearing and the adverse impacts of clearing have been: <ol style="list-style-type: none"> 1. reasonably avoided; or 2. reasonably minimised where it cannot be reasonably avoided. 	No acceptable outcome is prescribed.	Clearing will only occur within dam wall area as shown on map and to access suitable lining material. Vegetation and biodiversity loss will be minimal and confined to dam footprint. The dam will aid in minimising land degradation of gullied areas. If left in current condition the gullied areas would continue to erode. The dam footprint does not impede connectivity because it will not interrupt the natural creek corridor. Any alterations to ecological processes will be minimal.
Clearing on land in particular circumstances		
PO2 Clearing is consistent with any notice requiring compliance on the land subject to the development application, unless a better environmental outcome can be achieved. Note: The discharge of the vegetation management requirements under the notice requiring compliance can only occur in conjunction with the better environmental outcome being legally secured. Further guidance on meeting the requirements of a better environmental outcome can be found in State code 16: Native vegetation clearing guidance material.	No acceptable outcome is prescribed	No notices requiring compliance have been issued.
PO3 Clearing is consistent with vegetation management requirements for particular regulated areas unless a better environmental outcome can be achieved. Note: The discharge of the vegetation management requirements under the notice requiring compliance can only occur in conjunction with the better environmental outcome being legally secured. Further guidance on meeting the requirements of a better environmental outcome can be found in State	No acceptable outcome is prescribed	Clearing will not occur in particular regulated areas that is: <ul style="list-style-type: none"> • An exchange area • An unlawfully cleared area • A declared area • An area on a PMAV shown to be category A area The dam footprint will cover Category B area of least concern and Category X. Cat. B – 2.22 ha + Cat. X – 1.28 ha = Total 3.5 ha approx.

Performance outcomes	Acceptable outcomes	Response
code 16: Native vegetation clearing guidance material.		
<p>PO4 Clearing of a legally secured offset area:</p> <ol style="list-style-type: none"> 1. is consistent with the offset delivery plan; or agreement for the offset area on the land subject to the development application; or 2. only occurs if an additional offset is provided that is consistent with the relevant policy in the Queensland Environmental Offsets Policy, Department of Environment and Heritage Protection, 2014. <p>Note: Reference to 'agreement' above includes the 'agreed delivery arrangement' for the offset area as well as instruments associated with the legally secured offset area. Clearing should be consistent with any agreement however described.</p>	No acceptable outcome is prescribed	No offset area exists
Clearing of vegetation as a result of the material change of use or reconfiguration of a lot		
PO5 Clearing as a result of a material change of use, or clearing as a result of reconfiguring a lot does not occur.	No acceptable outcome is prescribed.	N/A
Clearing that could already be done under an exemption		
PO6 Clearing does not occur unless it is clearing that could be done under an exemption for the purpose of the development (as prescribed under Schedule 21 of the Planning Regulation 2017) prior to the material change of use or	No acceptable outcome is prescribed.	N/A

Performance outcomes	Acceptable outcomes	Response
reconfiguring a lot application being approved.		

Table 16.2.3: Specific

Performance outcomes	Acceptable outcomes	Response
Clearing associated with wetlands (public safety and infrastructure, a coordinated project, extractive industry, high value agriculture clearing, and irrigated high value agriculture clearing)		
PO7 Clearing maintains the current extent of vegetation associated with any natural wetland to protect: <ol style="list-style-type: none"> 1. bank stability by protecting against bank erosion 2. water quality by filtering sediments, nutrients and other pollutants 3. aquatic habitat; and 4. terrestrial habitat. 	A07.1 Clearing does not occur in a natural wetland or within 100 metres of the defining bank of any natural wetland. OR	No wetland exists
	A07.2 Clearing within 100 metres of any natural wetland: <ol style="list-style-type: none"> 1. does not occur within 50 metres of the defining bank of any natural wetland; and 2. does not exceed widths in table 16.3.1 in this code. OR	N/A
	A07.3 Where clearing cannot be reasonably avoided, and clearing has been reasonably minimised, an offset is provided for any acceptable significant residual impact from clearing of vegetation associated with a natural wetland (matter of state environmental significance).	N/A
Clearing associated with wetlands (necessary to control non-native plants or declared pests, encroachment, thinning, fodder harvesting)		
PO8 Clearing maintains vegetation associated with a natural wetland to protect: <ol style="list-style-type: none"> 1. bank stability by protecting against bank erosion 2. water quality by filtering sediments, nutrients and other pollutants 3. aquatic habitat; and 	<i>Clearing necessary to control non-native plants or declared pests:</i> A08.1 Where clearing is necessary to control non-native plants or declared pests, mechanical clearing does not occur within 5 metres of a natural wetland.	N/A

State Development Assessment Provisions – version 2.0

State code 16: Native vegetation clearing

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Performance outcomes	Acceptable outcomes	Response
4. terrestrial habitat.	AND	
	AO8.2 Clearing only occurs: <ol style="list-style-type: none"> within a 1.5 metre radius from the base of the stem of individual non-native or declared plants; or to the extent necessary to provide access for the control of the non-native plants or declared pests. AND	
	AO8.3 Clearing for access tracks running parallel to a natural wetland is not to be located within 10 metres of the natural wetland. AND	
	<i>Clearing for thinning:</i> AO8.4 Where the clearing is for thinning, mechanical clearing does not occur within 20 metres of a natural wetland. AND	
	<i>Clearing for encroachment:</i> AO8.5 Where the clearing is for encroachment, mechanical clearing: <ol style="list-style-type: none"> does not occur within 20 metres of the defining bank of a natural wetland; and does not include the application of soil applied broad spectrum herbicides within 50 metres of the defining bank of a natural wetland or within the distance specified from a wetland in the directions for use on the label for the product, whichever is the greater. AND	
	<i>Clearing for fodder harvesting:</i> AO8.6 Mechanical clearing does not occur within	

Performance outcomes	Acceptable outcomes	Response
	20 metres of any natural wetland. AND	
	AO8.7 Strip harvesting or block harvesting does not occur within 100 metres of any natural wetland.	
Clearing associated with wetlands (necessary environmental clearing – land restoration and natural disaster preparation)		
PO9 Clearing maintains vegetation associated with any natural wetland or rehabilitates the cleared area to protect: <ol style="list-style-type: none"> 1. water quality by filtering sediments, nutrients and other pollutants 2. aquatic habitat; and 3. terrestrial habitat. 	AO9.1 Clearing does not occur in, or within 100 metres of, any natural wetland. OR	N/A
	AO9.2 Clearing within 100 metres of any natural wetland and: <ol style="list-style-type: none"> 1. does not occur within 50 metres of the natural wetland; and 2. does not exceed the widths in table 16.3.1 of this code. OR	
	AO9.3 Where clearing cannot be reasonably avoided, and clearing has been reasonably minimised, the cleared area is rehabilitated.	
Clearing associated with wetlands (necessary environmental clearing - natural channel diversion and contaminants removal)		
PO10 Clearing maintains the current extent of vegetation associated with any natural wetland or rehabilitates the cleared area to protect: <ol style="list-style-type: none"> 1. bank stability by protecting against bank erosion 2. water quality by filtering sediments, nutrients and other pollutants 3. aquatic habitat; and 4. terrestrial habitat. 	AO10.1 Clearing does not occur in, or within 100 metres of the defining bank of any natural wetland. OR	N/A
	AO10.2 Clearing within 100 metres of any natural wetland and: <ol style="list-style-type: none"> 1. does not occur within 50 metres of the defining bank of any natural wetland; and 2. does not exceed the widths in table 16.3.1 of this code. OR	
	AO10.3 Where clearing cannot be reasonably avoided, and clearing has been reasonably minimised, the cleared area is rehabilitated. OR	

Performance outcomes	Acceptable outcomes	Response
	AO10.4 Where clearing is for natural channel diversion or contaminants removal, and clearing cannot be reasonably avoided, and: <ol style="list-style-type: none"> clearing has been reasonably minimised; and the cleared area cannot be reasonably rehabilitated an offset is provided for any acceptable significant residual impact from clearing of vegetation associated with a natural wetland (a matter of state environmental significance). 	
Clearing associated with watercourses and drainage features (public safety and relevant infrastructure activities, coordinated project, extractive industry, high value agriculture clearing, irrigated high value agriculture clearing)		
PO11 Clearing maintains the current extent of vegetation associated with any watercourse or drainage feature to protect: <ol style="list-style-type: none"> bank stability by protecting against bank erosion water quality by filtering sediments, nutrients and other pollutants aquatic habitat; and terrestrial habitat. 	AO11.1 Clearing does not occur in any watercourse or drainage feature, or within the relevant distance of the defining bank of any watercourse or drainage feature in table 16.3.2 of this code. OR	Clearing will not occur within the watercourse or drainage feature.
	AO11.2 Clearing within any watercourse or drainage feature, or within the relevant distance of the defining bank of any watercourse or drainage feature in table 16.3.2 of this code: <ol style="list-style-type: none"> does not exceed the widths in table 16.3.1 of this code; and does not occur within 5 metres of the defining bank, unless clearing is required into or across the watercourse or drainage feature. OR	
	AO11.3 Where clearing cannot be reasonably avoided, and clearing has been reasonably minimised, an offset is provided for any acceptable significant residual impact from clearing of vegetation associated with any watercourse or drainage feature (a matter of state environmental significance).	

Performance outcomes	Acceptable outcomes	Response
Clearing associated with watercourses and drainage features (necessary environmental clearing - land restoration and natural disaster preparation)		
PO12 Clearing maintains vegetation associated with any watercourse or drainage feature or rehabilitates the cleared area to protect: <ol style="list-style-type: none"> 1. bank stability by protecting against bank erosion 2. water quality by filtering sediments, nutrients and other pollutants 3. aquatic habitat; and 4. terrestrial habitat. 	AO12.1 Clearing does not occur within any watercourse or drainage feature or within the relevant distances from each defining bank of any watercourse or drainage feature in table 16.3.2 of this code. OR	N/A
	AO12.2 Clearing in any watercourse or drainage feature, or within the relevant distance of the defining bank of any watercourse or drainage feature in table 16.3.2 of this code: <ol style="list-style-type: none"> 1. does not exceed the widths in table 16.3.1 of this code; and 2. does not occur within 5 metres of the defining bank, unless clearing is required into or across the watercourse or drainage feature. OR	
	AO12.3 Where clearing cannot be reasonably avoided, and clearing has been reasonably minimised, the cleared area is rehabilitated.	
Clearing associated with watercourses and drainage features (necessary environmental clearing – natural channel diversion, and contaminants removal)		
PO13 Clearing maintains the current extent of vegetation associated with any watercourse or drainage feature or rehabilitates the cleared area to protect: <ol style="list-style-type: none"> 1. bank stability by protecting against bank erosion 2. water quality by filtering sediments, nutrients and other pollutants 3. aquatic habitat; and 4. terrestrial habitat. 	AO13.1 Clearing does not occur within any watercourse or drainage feature or within the relevant distances from each defining bank of any watercourse or drainage feature in table 16.3.2 of this code. OR	N/A
	AO13.2 Clearing in any watercourse or drainage feature, or within the relevant distance of the defining bank of any watercourse or drainage feature in table 16.3.2 of this code: <ol style="list-style-type: none"> 1. does not exceed the widths in table 16.3.1 of this code; and 	

Performance outcomes	Acceptable outcomes	Response
	2. does not occur within five metres of the defining bank, unless clearing is required into or across the watercourse or drainage feature. OR	
	AO13.3 Where clearing cannot be reasonably avoided, and: 1. clearing has been reasonably minimised; and 2. the cleared area cannot be reasonably rehabilitated, an offset is provided for any acceptable significant residual impact from clearing of vegetation associated with a watercourse or drainage feature (a matter of state environmental significance).	
Clearing associated with watercourses or drainage features (necessary to control non-native plants or declared pests, thinning, fodder harvesting)		
PO14 Clearing maintains vegetation associated with any watercourse or drainage feature to protect: 1. bank stability by protecting against bank erosion 2. water quality by filtering sediments, nutrients and other pollutants 3. aquatic habitats; and 4. terrestrial habitats.	<i>Clearing necessary to control non-native plants or declared pests:</i> AO14.1 Mechanical clearing does not occur within 20 metres of the defining bank of a watercourse or drainage feature. AND	N/A
	AO14.2 Clearing only occurs: 1. within a 1.5 metre radius from the base of the stem of individual non-native or declared plants; or 2. to the extent necessary to provide access for the control of the non-native plant or declared pest. AND	
	AO14.3 Clearing for access tracks running parallel to a watercourse or drainage feature is not to be located within 10 metres of the defining bank of the watercourse or drainage feature.	
	<i>Clearing is for thinning:</i>	

Performance outcomes	Acceptable outcomes	Response
	AO14.4 Mechanical clearing does not occur within 20 metres of the defining bank of a watercourse or drainage feature.	
	<i>Clearing for fodder harvesting:</i> AO14.5 Mechanical clearing does not occur within 20 metres from the defining bank of any watercourse or drainage feature. AND	
	AO14.6 Strip harvesting or block harvesting does not occur within 100 metres of the defining bank of any watercourse or drainage feature.	
Clearing associated with watercourses or drainage features (encroachment)		
PO15 Clearing of encroachment maintains: 1. bank stability by protecting against bank erosion 2. water quality by filtering sediments, nutrients and other pollutants 3. aquatic habitat; and 4. terrestrial habitat.	AO15.1 Mechanical clearing: 1. does not occur within 20 metres of the defining bank of a watercourse or drainage feature; and 2. does not include the application of soil applied broad spectrum herbicides within 50 metres of the defining bank of a watercourse or drainage feature or within the distance specified from a wetland in the directions for use on the label for the product, whichever is the greater.	
Maintaining connectivity (public safety and relevant infrastructure activities, extractive industry, high value agriculture clearing, irrigated high value agriculture clearing)		
PO16 In consideration of vegetation on the land subject to the development application and on adjacent land, sufficient vegetation is retained to maintain ecological processes and remains in the landscape despite threatening processes.	AO16.1 Clearing occurs in accordance with table 16.3.3 in this code.	Reduces RE: 9.5.9a & 9.3.3c by minimal amount (2.22 ha) and will not effect any ecological processes.
Connectivity areas (coordinated project)		
PO17 In consideration of vegetation on the land subject to the development application and on adjacent land:	AO17.1 Clearing occurs in accordance with table 16.3.3 of this code. OR	N/A

Performance outcomes	Acceptable outcomes	Response
<ol style="list-style-type: none"> sufficient vegetation is retained to maintain ecological processes and remains in the landscape despite threatening processes; or where this not reasonably possible, the applicant provides an offset. 	AO17.2 Where clearing cannot be reasonably avoided; and clearing has been reasonably minimised; an offset is provided for any acceptable significant residual impact from clearing on vegetation that forms a connectivity area (a matter of state environmental significance).	
Maintaining connectivity (necessary environmental clearing - land restoration and natural disaster preparation)		
PO18 In consideration of vegetation on the land subject to the development application and on adjacent land, sufficient vegetation is retained to maintain ecological processes and remains in the landscape despite threatening processes, or where this is not reasonably possible, the cleared area is rehabilitated.	AO18.1 Clearing occurs in accordance with table 16.3.3 of this code. OR	N/A
	AO18.2 Where clearing cannot be reasonably avoided, and clearing has been reasonably minimised, the cleared area is rehabilitated.	
Connectivity areas (necessary environmental clearing - natural channel diversion and contaminants removal)		
PO19 In consideration of vegetation on the land subject to the development application and on adjacent land: <ol style="list-style-type: none"> sufficient vegetation is retained to maintain ecological processes and remains in the landscape despite threatening processes; or where this is not reasonably possible, the applicant rehabilitates the cleared area; or where this not reasonably possible, the applicant provides an offset. 	AO19.1 Clearing occurs in accordance with table 16.3.3 of this code. OR	N/A
	AO19.2 Where clearing cannot be reasonably avoided, and clearing has been reasonably minimised, the cleared area is rehabilitated. OR	
	AO19.3 Where clearing cannot be reasonably avoided, and <ol style="list-style-type: none"> clearing has been reasonably minimised; and the cleared area cannot be reasonably rehabilitated an offset is provided for any acceptable significant residual impact from clearing of vegetation that forms a connectivity area (a matter of state environmental 	

Performance outcomes	Acceptable outcomes	Response
	significance).	
Soil erosion (public safety and relevant infrastructure activities, coordinated project, high value agriculture clearing, irrigated high value agriculture clearing, necessary environmental clearing)		
PO20 Clearing does not result in: <ol style="list-style-type: none"> 1. accelerated soil erosion including, but not limited to – mass movement, gully erosion, rill erosion, sheet erosion, tunnel erosion, stream bank erosion, wind erosion, or scalding; and 2. any associated loss of chemical, physical or biological fertility – including, but not limited to water holding capacity, soil structure, organic matter, soil biology, and nutrients, within or outside the land the subject of the development application. 	AO20.1 Clearing is undertaken in accordance with a sediment and erosion control plan, which includes measures to ensure the rates of soil loss and sediment movement are the same or less than those prior to the proposed development. OR AO20.2 The local government is the assessment manager for the development application. Note: For guidance on developing a sediment and erosion control plan, please refer to the Best Practice Erosion and Sediment Control Document, IECA, 2008.	Proposed storage facility will reduce sediment run-off from actively eroding gullied area.
Soil erosion (necessary to control non-native plants or declared pests, thinning, encroachment, fodder harvesting)		
PO21 Clearing does not result in: <ol style="list-style-type: none"> 1. accelerated soil erosion – including, but not limited to - mass movement, gully erosion, rill erosion, sheet erosion, tunnel erosion, stream bank erosion, wind erosion, or scalding; and 2. any associated loss of chemical, physical or biological fertility – including, but not limited to water holding capacity, soil structure, organic matter, soil biology and nutrients, within or outside the land subject of the development application. 	Clearing necessary to control non-native plants or declared pests: AO21.1 Mechanical clearing retains 50 percent of the ground cover (dead or alive) in each 50 by 50 metre (0.25 hectare) area. AND AO21.2 New access tracks to gain access to a weed infestation do not exceed 5 metres in width or de-stabilise the banks of any watercourse or drainage feature as a result of crossing, construction or use. AND Clearing for thinning: AO21.3 Mechanical clearing must:	N/A

Performance outcomes	Acceptable outcomes	Response
	1. retain 50 percent of the ground cover (dead or alive) in each 50 by 50 metre (0.25 hectare) area; and 2. not occur on slopes in excess of 10 percent. AND Clearing for encroachment:	
	AO21.4 Mechanical clearing: 1. is limited to slopes less than 5 percent; and 2. retains 50 percent of the ground cover (dead or alive) in each 50 by 50 metre (0.25 hectare) area. AND Clearing for fodder harvesting:	
	AO21.5 Strip harvesting or block harvesting does not occur on a slope that exceeds 5 percent, and is aligned across the slope. OR AO21.6 Harvesting occurs using selective harvesting or breaker harvesting methods.	
Salinity (public safety and relevant infrastructure activities, coordinated project, extractive industry, high value agriculture clearing, irrigated high value agriculture clearing, necessary environmental clearing, fodder harvesting)		
PO22 Clearing does not contribute to or accelerate land degradation through waterlogging, or through the salinisation of groundwater, surface water or soil.	No acceptable outcome is prescribed.	No waterlogging is expected outside of the dam as Leedingham Ck immediately to the south is deeply incised and will receive any seepage.
Conserving endangered and of concern regional ecosystems (public safety and relevant infrastructure activities, coordinated project, extractive industry, high value agriculture clearing, irrigated high value agriculture clearing)		
PO23 Clearing maintains the current extent of endangered regional ecosystems and of concern regional ecosystems.	AO23.1 Clearing does not occur in an endangered regional ecosystem or an of concern regional ecosystem.	No “of concern” or “endangered regional ecosystems”

Performance outcomes	Acceptable outcomes	Response
	OR	
	AO23.2 Clearing in an endangered regional ecosystem or in an of concern regional ecosystem does not exceed the width or area prescribed in table 16.3.1 of this code.	
	OR AO23.3 Where clearing cannot be reasonably avoided, and clearing has been reasonably minimised, an offset is provided for any acceptable significant residual impact from clearing of endangered regional ecosystems and of concern regional ecosystems (a matter of state environmental significance).	
Essential habitat (public safety and relevant infrastructure activities, coordinated project, extractive industry, high value agriculture clearing and irrigated high value agriculture clearing, fodder harvesting)		
PO24 Clearing maintains the current extent of essential habitat.	AO24.1 Clearing does not occur in essential habitat.	No “esssential habitat”
	OR AO24.2 Clearing in essential habitat does not exceed the widths or areas prescribed in table 16.3.1 of this code.	
	OR AO24.3 Where clearing cannot be reasonably avoided, and clearing has been reasonably minimised, an offset is provided for any acceptable significant residual impact from clearing of essential habitat (a matter of state environmental significance).	
Essential habitat (necessary environmental clearing – land restoration and natural disaster preparation)		
PO25 Clearing does not occur in essential habitat, or where this is not reasonably possible, the applicant rehabilitates the cleared area.	AO25.1 Clearing does not occur in essential habitat.	
	OR AO25.2 Clearing in essential habitat does not exceed the widths or areas prescribed in table 16.3.1 of this code.	

Performance outcomes	Acceptable outcomes	Response
	OR	
	AO25.3 Where clearing cannot be reasonably avoided, and clearing has been reasonably minimised, the cleared area is rehabilitated.	
Essential habitat (necessary environmental clearing – natural channel diversion and contaminants removal)		
PO26 Clearing does not occur in essential habitat, or where this is not reasonably possible, the applicant rehabilitates the cleared area, or maintains the current extent of essential habitat.	AO26.1 Clearing does not occur in essential habitat. OR	
	AO26.2 Clearing in essential habitat does not exceed the widths or areas prescribed in table 16.3.1 of this code. OR	
	AO26.3 Where clearing cannot be reasonably avoided, and clearing has been reasonably minimised, the cleared area is rehabilitated. OR	
	AO26.4 Where clearing cannot be reasonably avoided, and: 1. clearing has been reasonably minimised; and 2. the cleared area cannot be reasonably rehabilitated 3. an offset is provided for any acceptable significant residual impact from clearing of essential habitat (a matter of state environmental significance).	
Acid sulfate soils (public safety and relevant infrastructure activities, coordinated project, extractive industry, high value agriculture clearing, irrigated high value agriculture clearing, necessary environmental clearing, necessary to control non-native plants or declared pests, thinning, encroachment)		
PO27 Clearing does not result in, or accelerate, disturbance of acid sulfate soils or changes to the hydrology of the location that will result in either of the following: 1. aeration of horizons containing iron	AO27.1 Clearing does not occur in land zone 1, land zone 2 or land zone 3. OR	No acid sulphate soils exist on the property.
	AO27.2 Clearing in land zone 1, land zone 2 or land zone 3 in areas below the 5 metre Australian Height Datum only occurs where:	

Performance outcomes	Acceptable outcomes	Response
<p>sulphides; or</p> <p>2. mobilisation of acid or metals.</p>	<p>1. it does not involve mechanical clearing; and</p> <p>2. acid sulfate soils are managed consistent with the State Planning Policy, Department of State Development, Infrastructure and Planning, 2014, Department of State Development, Infrastructure and Planning, 2014 and with the Soil Management Guidelines in the Queensland Acid Sulfate Soil Technical Manual, Department of Science Information Technology Innovation and the Arts, 2014.</p> <p>OR</p> <p>AO27.3 The local government is the assessment manager for the development application.</p>	
Clearing is staged (extractive industry)		
<p>PO28 Clearing:</p> <p>1. is staged in line with operational needs that restrict clearing to the current operational area</p> <p>2. only occurs in the area from which material will be extracted, and any reasonably associated infrastructure, within the term of the development approval; and</p> <p>3. does not occur without required permits.</p>	No acceptable outcome is prescribed.	
Clearing for agriculture (coordinated project, high value agriculture clearing, irrigated high value agriculture clearing)		
<p>PO29 Clearing only occurs where the land is suitable for agriculture having regard to topography, climate and soil attributes.</p> <p>Note: Guidance for determining land suitability is</p>	No acceptable outcome is prescribed.	

Performance outcomes	Acceptable outcomes	Response
provided in the Guidelines for meeting the land suitability and economic viability requirements for high value and irrigated high value agriculture applications, Department of Natural Resources and Mines, 2015.		
PO30 Clearing only occurs where there is no alternative area on the land subject to the development application for the clearing.	No acceptable outcome is prescribed.	
PO31 For applications for irrigated high value agriculture clearing, the owner of the land is an eligible owner who has, or may have, access to enough water for establishing, cultivating and harvesting the crops to which the clearing relates.	No acceptable outcome is prescribed.	
Clearing for necessary environmental clearing – land restoration and natural disaster preparation		
PO32 Clearing does not occur, or where this is not reasonably possible, the applicant rehabilitates the cleared area.	AO32.1 Clearing does not occur. OR	
	AO32.2 Clearing maintains the natural floristic composition and range of sizes across the application area. OR	
	AO32.3 Clearing does not exceed the widths or areas prescribed in table 16.3.1 of this code. OR	
	AO32.4 Where clearing cannot be reasonably avoided, and clearing has been reasonably minimised, the cleared area is rehabilitated.	
Clearing for necessary environmental clearing - natural channel diversion and contaminants removal		
PO33 Clearing does not occur, or where this is not reasonably possible, the applicant rehabilitates the cleared area or maintains the current extent of vegetation.	AO33.1 Clearing does not occur. OR	
	AO33.2 Clearing maintains the natural floristic composition and range of sizes across the application area. OR	
	AO33.3 Clearing does not exceed the widths or	

Performance outcomes	Acceptable outcomes	Response
	areas prescribed in table 16.3.1 of this code. OR	
	AO33.4 Where clearing cannot be reasonably avoided, and clearing has been reasonably minimised, the endangered regional ecosystems and of concern regional ecosystems are rehabilitated. OR	
	AO33.5 Where clearing an endangered regional ecosystem or of concern regional ecosystem cannot be reasonably avoided, minimised or rehabilitated, an offset is provided for any acceptable significant residual impact from clearing of an endangered regional ecosystem or of concern regional ecosystem (a matter of state environmental significance).	
Conserving vegetation (thinning)		
PO36 Clearing activities: 1. maintain the natural floristic composition and range of sizes of each species of the regional ecosystem evenly spaced across the application area; and 2. retain habitat trees.	AO36.1 Thinning retains mature trees and habitat trees. AND	
	AO36.2 Thinning retains immature trees to: 1. return the immature tree density to a more typical level 2. retain representatives of all the species that occur in the regional ecosystem in about the proportion to what would normally exist 3. retain the range of tree sizes that would normally occur; and 4. space immature trees as evenly as possible across the thinned area. AND	
	AO36.3 Thinning is not undertaken by ground application of soil applied broad spectrum	

Performance outcomes	Acceptable outcomes	Response
	<p>herbicides, or aerial application of any herbicides.</p> <p>Note: The Department of Science, Information Technology and Innovation publishes technical descriptions (http://www.qld.gov.au/environment/plants-animals/plants/ecosystems/technical-descriptions/) which provide a detailed description of the normal range in structure and floristic composition of remnant regional ecosystems and their component vegetation communities. They should be used in conjunction with the fields from the Regional Ecosystem Description Database (REDD) (http://www.qld.gov.au/environment/plants-animals/plants/ecosystems/download) for a normal description of the regional ecosystem.</p>	
Clearing limited to specific regional ecosystems (thinning)		
PO37 Clearing does not occur in the regional ecosystems listed in Table 16.3.6 of this code, except where clearing is solely for removing native plants not naturally occurring within the regional ecosystem.	No acceptable outcome is prescribed.	
Retained vegetation density (thinning)		
PO38 Clearing does not occur unless the density of vegetation that is retained is consistent with the natural floristic composition of the regional ecosystem.	AO38.1 The vegetation density is consistent with a representative reference site of the same regional ecosystem. OR	
	<p>AO38.2 The vegetation density is consistent with the natural floristic composition of the regional ecosystem as demonstrated by BioCondition benchmarks for regional ecosystem condition assessment, and the Regional ecosystem description database.</p> <p>Note: DSITI publishes Technical descriptions (http://www.qld.gov.au/environment/plants-animals/plants/ecosystems/technical-descriptions/)</p>	

Performance outcomes	Acceptable outcomes	Response
	animals/plants/ecosystems/technical-descriptions) which provide a detailed description of the normal range in structure and floristic composition of remnant regional ecosystems and their component vegetation communities. They should be used in conjunction with the fields from the Regional Ecosystem Description Database (REDD) (http://www.qld.gov.au/environment/plants-animals/plants/ecosystems/download) for a normal description of the regional ecosystem.	
Clearing is limited to specific regional ecosystems (encroachment)		
PO39 Clearing of encroachment does not occur, other than in the regional ecosystems listed in table 16.3.7 of this code.	No acceptable outcome is prescribed.	
Retained trees (encroachment)		
PO40 Clearing of encroachment: 1. results in the restoration of the regional ecosystem 2. retains mature trees and habitat trees 3. retains all woody vegetation within a grove; and 4. retains representatives of all immature, non-encroaching species in a natural pattern.	No acceptable outcome is prescribed.	
Limits to clearing for fodder harvesting (fodder harvesting)		
PO41 Clearing occurs only in the following areas: 1. Balonne Shire Council 2. Barcaldine Shire Council 3. Barcoo Shire Council 4. Blackall Tambo Regional Council 5. Bulloo Shire Council	No acceptable outcome is prescribed.	

Performance outcomes	Acceptable outcomes	Response
6. Diamantina Shire Council 7. Goondiwindi Regional Council 8. Longreach Regional Council 9. Maranoa Regional Council 10. Murweh Shire Council 11. Paroo Shire Council 12. Quilpie Shire Council 13. Western Downs Regional Council 14. Winton Shire Council.		
PO42 Clearing is limited to the extent necessary to provide fodder for stock.	No acceptable outcome is prescribed.	
PO43 Clearing only occurs in regional ecosystems listed in table 16.3.8 or table 16.3.9 of this code.	No acceptable outcome is prescribed.	
PO44 Clearing consists predominantly of fodder species.	No acceptable outcome is prescribed.	
Conserving vegetation (fodder harvesting)		
PO45 Clearing retains at least: <ol style="list-style-type: none"> 50 percent of the predominant canopy cover of the vegetation over each 300 metre by 300 metre (9 hectare) area when selective harvesting or narrow strip harvesting; and 55 percent of the predominant canopy cover of the vegetation over each 300 metre by 300 metre (9 hectare) area when block harvesting or wide strip harvesting maintains the range of species of the regional ecosystem at the locality. 	AO45.1 Selective harvesting does not: <ol style="list-style-type: none"> harvest more than 5 in 10 individual fodder trees in any given area remove non-fodder species beyond that needed to provide access for harvesting; and involve mechanical clearing within 50 metres of a scarp or an area of instability, in the following regional ecosystems 6.7.1, 6.7.6, 6.7.14, 6.7.15, 6.7.16, 11.7.1, 11.7.2 and 11.7.5. AND	
	AO45.2 Block harvesting: <ol style="list-style-type: none"> is limited to the harvesting area and width of retained vegetation listed in table 16.3.10 	

Performance outcomes	Acceptable outcomes	Response
	2. retains non-fodder species with height of four metres or more within the harvested area 3. does not occur in fodder regional ecosystems that are less than 10 hectares in area or 500 metres in width 4. ensures tracks between blocks are limited to a width of 10 metres; and 5. only occurs in regional ecosystems listed in table 16.3.8 of this code. AND	
	AO45.3 Wide strip harvesting: 1. occurs where the harvested strip is 70 metres – 135 metres in width 2. retains a minimum of 165 metres wide strip of retained vegetation on either side of the cleared strip 3. only occurs for an 800 metre length with the retention of a 200 metre wide patch of vegetation at the end of each length 4. does not occur in fodder regional ecosystems that are less than 10 hectares in area or 500 metres in width; and 5. only occurs in regional ecosystems listed in table 16.3.8 of this code. AND	
	AO45.4 Narrow strip harvesting: 1. occurs where the harvested strip is 20 to 50 metres in width 2. retains vegetation on either side of the strip a width at least equal to the width of the	

Performance outcomes	Acceptable outcomes	Response
	<p>harvested strip</p> <p>3. does not occur in fodder regional ecosystems listed in table 16.3.8 and table 16.3.9 of this code that are less than 10 hectares in area or 500 metres in width; and</p> <p>4. only occurs in regional ecosystems listed in table 16.3.8 of this code.</p>	
Conserving endangered regional ecosystems and of concern regional ecosystems (fodder harvesting)		
<p>PO46 Clearing:</p> <p>1. does not occur in vegetation that contains endangered regional ecosystems; and</p> <p>2. is limited to vegetation that contains of concern regional ecosystems 6.5.3, 11.5.13, 6.5.5 and 4.7.3, and by selective harvesting where it does not remove more than three in 10 fodder trees.</p>	No acceptable outcome is prescribed.	
Cleared vegetation (fodder harvesting)		
PO47 Cleared vegetation is not moved from where it falls.	No acceptable outcome is prescribed.	
Conserving the fodder resource (fodder harvesting)		
<p>PO48 Clearing does not reduce the total extent of the fodder species in the regional ecosystem listed in table 16.3.8 and table 16.3.9 of this code on a lot to below 50 percent of its current extent within any 10 year period.</p>	<p>AO48.1 Clearing is limited to the regional ecosystems and harvesting methods listed in table 16.3.8 and table 16.3.9 of this code. AND</p>	
	<p>AO48.2 Clearing is limited to areas that have not been harvested in the past 10 years. AND</p>	
	<p>AO48.3 Retained vegetation is not harvested within 10 years of the harvesting of an adjacent area which has been subject to either strip harvesting or block harvesting.</p>	

DA Form 1 – Development application details

Approved form (version 1.0 effective 3 July 2017) made under section 282 of the Planning Act 2016.

This form **must** be used to make a development application **involving code assessment or impact assessment**, except when applying for development involving building work.

For a development application involving **building work only**, use *DA Form 2 – Building work details*.

For a development application involving **building work associated with any other type of assessable development**, use this form (*DA Form 1*) **and** parts 4 to 6 of *DA Form 2 – Building work details*.

Unless stated otherwise, all parts of this form **must** be completed in full and all required supporting information **must** accompany the development application.

One or more additional pages may be attached as a schedule to this development application if there is insufficient space on the form to include all the necessary information.

This form and any other form relevant to the development application must be used to make a development application relating to strategic port land and Brisbane core port land under the *Transport Infrastructure Act 1994*, and airport land under the *Airport Assets (Restructuring and Disposal) Act 2008*. For the purpose of assessing a development application relating to strategic port land and Brisbane core port land, any reference to a planning scheme is taken to mean a land use plan for the strategic port land, Brisbane port land use plan for Brisbane core port land, or a land use plan for airport land.

Note: All terms used in this form have the meaning given under the Planning Act 2016, the Planning Regulation 2017, or the Development Assessment Rules (DA Rules).

PART 1 – APPLICANT DETAILS

1) Applicant details	
Applicant name(s) (individual or company full name)	Edward Balzarolo
Contact name (only applicable for companies)	
Postal address (P.O. Box or street address)	PO Box 222
Suburb	Dimbulah
State	Qld
Postcode	4872
Country	Australia
Contact number	4093 5474
Email address (non-mandatory)	balzofarming@gmail.com
Mobile number (non-mandatory)	0429 935 474
Fax number (non-mandatory)	
Applicant's reference number(s) (if applicable)	

2) Owner's consent
2.1) Is written consent of the owner required for this development application?
<input type="checkbox"/> Yes – the written consent of the owner(s) is attached to this development application
<input checked="" type="checkbox"/> No – proceed to 3)

PART 2 – LOCATION DETAILS

3) Location of the premises (complete 3.1) or 3.2), and 3.3) as applicable)

Note: Provide details below and attach a site plan for any or all premises part of the development application. For further information, see [DA Forms Guide: Relevant plans](#).

3.1) Street address and lot on plan

- ☒ Street address **AND** lot on plan (all lots must be listed), **or**
☐ Street address **AND** lot on plan for an adjoining or adjacent property of the premises (appropriate for development in water but adjoining or adjacent to land e.g. jetty, pontoon; all lots must be listed).

a)	Unit No.	Street No.	Street Name and Type	Suburb
		327	Leadingham Creek Road	Dimbulah
	Postcode	Lot No.	Plan Type and Number (e.g. RP, SP)	Local Government Area(s)
	4872	88	HG88	Mareeba
b)	Unit No.	Street No.	Street Name and Type	Suburb
	Postcode	Lot No.	Plan Type and Number (e.g. RP, SP)	Local Government Area(s)

3.2) Coordinates of premises (appropriate for development in remote areas, over part of a lot or in water not adjoining or adjacent to land e.g. channel dredging in Moreton Bay)

Note: Place each set of coordinates in a separate row. Only one set of coordinates is required for this part.

☒ Coordinates of premises by longitude and latitude

Longitude(s)	Latitude(s)	Datum	Local Government Area(s) (if applicable)
145° 8' 20" E	17° 6' 50"	<input type="checkbox"/> WGS84 <input checked="" type="checkbox"/> GDA94 <input type="checkbox"/> Other:	Mareeba Shire Council

☐ Coordinates of premises by easting and northing

Easting(s)	Northing(s)	Zone Ref.	Datum	Local Government Area(s) (if applicable)
		<input type="checkbox"/> 54 <input type="checkbox"/> 55 <input type="checkbox"/> 56	<input type="checkbox"/> WGS84 <input type="checkbox"/> GDA94 <input type="checkbox"/> Other:	

3.3) Additional premises

- ☐ Additional premises are relevant to this development application and their details have been attached in a schedule to this application
☒ Not required

4) Identify any of the following that apply to the premises and provide any relevant details

☒ In or adjacent to a water body or watercourse or in or above an aquifer
 Name of water body, watercourse or aquifer: Leadingham Creek

☐ On strategic port land under the *Transport Infrastructure Act 1994*
 Lot on plan description of strategic port land:
 Name of port authority for the lot:

☐ In a tidal area
 Name of local government for the tidal area (if applicable):
 Name of port authority for tidal area (if applicable):

☐ On airport land under the *Airport Assets (Restructuring and Disposal) Act 2008*
 Name of airport:

☐ Listed on the Environmental Management Register (EMR) under the *Environmental Protection Act 1994*
 EMR site identification:

☐ Listed on the Contaminated Land Register (CLR) under the *Environmental Protection Act 1994*

CLR site identification:

5) Are there any existing easements over the premises?

Note: Easement uses vary throughout Queensland and are to be identified correctly and accurately. For further information on easements and how they may affect the proposed development, see DA Forms Guide.

☐ Yes – All easement locations, types and dimensions are included in plans submitted with this development application

☒ No

PART 3 – DEVELOPMENT DETAILS

Section 1 – Aspects of development

6.1) Provide details about the first development aspect

a) What is the type of development? *(tick only one box)*

☐ Material change of use

☐ Reconfiguring a lot

☒ Operational work

☐ Building work

b) What is the approval type? *(tick only one box)*

☒ Development permit

☐ Preliminary approval

☐ Preliminary approval that includes a variation approval

c) What is the level of assessment?

☒ Code assessment

☐ Impact assessment *(requires public notification)*

d) Provide a brief description of the proposal *(e.g. 6 unit apartment building defined as multi-unit dwelling, reconfiguration of 1 lot into 3 lots):*

Construction of a dam in the bottom southwest corner of Lot 88.

e) Relevant plans

Note: Relevant plans are required to be submitted for all aspects of this development application. For further information, see DA Forms guide: Relevant plans.

☒ Relevant plans of the proposed development are attached to the development application

6.2) Provide details about the second development aspect

a) What is the type of development? *(tick only one box)*

☐ Material change of use

☐ Reconfiguring a lot

☐ Operational work

☐ Building work

b) What is the approval type? *(tick only one box)*

☐ Development permit

☐ Preliminary approval

☐ Preliminary approval that includes a variation approval

c) What is the level of assessment?

☐ Code assessment

☐ Impact assessment *(requires public notification)*

d) Provide a brief description of the proposal *(e.g. 6 unit apartment building defined as multi-unit dwelling, reconfiguration of 1 lot into 3 lots):*

e) Relevant plans

Note: Relevant plans are required to be submitted for all aspects of this development application. For further information, see DA Forms Guide: Relevant plans.

☐ Relevant plans of the proposed development are attached to the development application

6.3) Additional aspects of development

☐ Additional aspects of development are relevant to this development application and the details for these aspects that would be required under Part 3 Section 1 of this form have been attached to this development application

☒ Not required

Section 2 – Further development details

7) Does the proposed development application involve any of the following?

Material change of use	<input type="checkbox"/> Yes – complete division 1 if assessable against a local planning instrument
Reconfiguring a lot	<input type="checkbox"/> Yes – complete division 2
Operational work	<input checked="" type="checkbox"/> Yes – complete division 3
Building work	<input type="checkbox"/> Yes – complete <i>DA Form 2 – Building work details</i>

Division 1 – Material change of use

Note: This division is only required to be completed if any part of the development application involves a material change of use assessable against a local planning instrument.

8.1) Describe the proposed material change of use

Provide a general description of the proposed use	Provide the planning scheme definition (include each definition in a new row)	Number of dwelling units (if applicable)	Gross floor area (m ²) (if applicable)

8.2) Does the proposed use involve the use of existing buildings on the premises?

- ☐ Yes
☐ No

Division 2 – Reconfiguring a lot

Note: This division is only required to be completed if any part of the development application involves reconfiguring a lot.

9.1) What is the total number of existing lots making up the premises?

--

9.2) What is the nature of the lot reconfiguration? (tick all applicable boxes)

- | | |
|--|--|
| <input type="checkbox"/> Subdivision (complete 10)) | <input type="checkbox"/> Dividing land into parts by agreement (complete 11)) |
| <input type="checkbox"/> Boundary realignment (complete 12)) | <input type="checkbox"/> Creating or changing an easement giving access to a lot from a construction road (complete 13)) |

10) Subdivision

10.1) For this development, how many lots are being created and what is the intended use of those lots:

Intended use of lots created	Residential	Commercial	Industrial	Other, please specify:
Number of lots created				

10.2) Will the subdivision be staged?

- ☐ Yes – provide additional details below
☐ No

How many stages will the works include?	
What stage(s) will this development application apply to?	

11) Dividing land into parts by agreement – how many parts are being created and what is the intended use of the parts?

Intended use of parts created	Residential	Commercial	Industrial	Other, please specify:
Number of parts created				

12) Boundary realignment			
12.1) What are the current and proposed areas for each lot comprising the premises?			
Current lot		Proposed lot	
Lot on plan description	Area (m ²)	Lot on plan description	Area (m ²)
12.2) What is the reason for the boundary realignment?			

13) What are the dimensions and nature of any existing easements being changed and/or any proposed easement? (attach schedule if there are more than two easements)				
Existing or proposed?	Width (m)	Length (m)	Purpose of the easement? (e.g. pedestrian access)	Identify the land/lot(s) benefitted by the easement

Division 3 – Operational work

Note: This division is only required to be completed if any part of the development application involves operational work.

14.1) What is the nature of the operational work?	
<input type="checkbox"/> Road work <input type="checkbox"/> Drainage work <input type="checkbox"/> Landscaping <input checked="" type="checkbox"/> Other – please specify:	<input type="checkbox"/> Stormwater <input checked="" type="checkbox"/> Earthworks <input type="checkbox"/> Signage <input type="checkbox"/> Water infrastructure <input type="checkbox"/> Sewage infrastructure <input type="checkbox"/> Clearing vegetation
Construction of a dam.	
14.2) Is the operational work necessary to facilitate the creation of new lots? (e.g. subdivision)	
<input type="checkbox"/> Yes – specify number of new lots:	
<input checked="" type="checkbox"/> No	
14.3) What is the monetary value of the proposed operational work? (include GST, materials and labour)	
\$ 90 000	

PART 4 – ASSESSMENT MANAGER DETAILS

15) Identify the assessment manager(s) who will be assessing this development application
Mareeba Shire Council
16) Has the local government agreed to apply a superseded planning scheme for this development application?
<input type="checkbox"/> Yes – a copy of the decision notice is attached to this development application <input type="checkbox"/> Local government is taken to have agreed to the superseded planning scheme request – relevant documents attached <input checked="" type="checkbox"/> No

PART 5 – REFERRAL DETAILS

17) Do any aspects of the proposed development require referral for any referral requirements?
Note: A development application will require referral if prescribed by the Planning Regulation 2017.
<input type="checkbox"/> No, there are no referral requirements relevant to any development aspects identified in this development application – proceed to Part 6
Matters requiring referral to the chief executive of the Planning Regulation 2017:
<input checked="" type="checkbox"/> Clearing native vegetation <input type="checkbox"/> Contaminated land (unexploded ordnance)

<input type="checkbox"/> Environmentally relevant activities (ERA) <i>(only if the ERA have not been devolved to a local government)</i> <input type="checkbox"/> Fisheries – aquaculture <input type="checkbox"/> Fisheries – declared fish habitat area <input type="checkbox"/> Fisheries – marine plants <input type="checkbox"/> Fisheries – waterway barrier works <input type="checkbox"/> Hazardous chemical facilities <input type="checkbox"/> Queensland heritage place <i>(on or near a Queensland heritage place)</i> <input type="checkbox"/> Infrastructure – designated premises <input type="checkbox"/> Infrastructure – state transport infrastructure <input type="checkbox"/> Infrastructure – state transport corridors and future state transport corridors <input type="checkbox"/> Infrastructure – state-controlled transport tunnels and future state-controlled transport tunnels <input type="checkbox"/> Infrastructure – state-controlled roads <input type="checkbox"/> Land within Port of Brisbane's port limits <input type="checkbox"/> SEQ development area <input type="checkbox"/> SEQ regional landscape and rural production area or SEQ Rural living area – community activity <input type="checkbox"/> SEQ regional landscape and rural production area or SEQ Rural living area – indoor recreation <input type="checkbox"/> SEQ regional landscape and rural production area or SEQ Rural living area – residential development <input type="checkbox"/> SEQ regional landscape and rural production area or SEQ Rural living area – urban activity <input type="checkbox"/> Tidal works or works in a coastal management district <input type="checkbox"/> Urban design <input type="checkbox"/> Water-related development – taking or interfering with water <input type="checkbox"/> Water-related development – removing quarry material <i>(from a watercourse or lake)</i> <input type="checkbox"/> Water-related development – referable dams <input type="checkbox"/> Water-related development – construction of new levees or modification of existing levees <i>(category 2 or 3 levees only)</i> <input type="checkbox"/> Wetland protection area
Matters requiring referral to the local government: <input type="checkbox"/> Airport land <input type="checkbox"/> Environmentally relevant activities (ERA) <i>(only if the ERA have been devolved to local government)</i> <input type="checkbox"/> Local heritage places
Matters requiring referral to the chief executive of the distribution entity or transmission entity: <input type="checkbox"/> Electricity infrastructure
Matters requiring referral to: <ul style="list-style-type: none"> • The chief executive of the holder of the licence, if not an individual • The holder of the licence, if the holder of the licence is an individual <input type="checkbox"/> Oil and gas infrastructure
Matters requiring referral to the Brisbane City Council: <input type="checkbox"/> Brisbane core port land
Matters requiring referral to the Minister under the Transport Infrastructure Act 1994: <input type="checkbox"/> Brisbane core port land <input type="checkbox"/> Strategic port land
Matters requiring referral to the relevant port operator: <input type="checkbox"/> Brisbane core port land <i>(below high-water mark and within port limits)</i>
Matters requiring referral to the chief executive of the relevant port authority: <input type="checkbox"/> Land within limits of another port
Matters requiring referral to the Gold Coast Waterways Authority: <input type="checkbox"/> Tidal works, or development in a coastal management district in Gold Coast waters
Matters requiring referral to the Queensland Fire and Emergency Service: <input type="checkbox"/> Tidal works, or development in a coastal management district

18) Has any referral agency provided a referral response for this development application?		
<input checked="" type="checkbox"/> Yes – referral response(s) received and listed below are attached to this development application <input type="checkbox"/> No		
Referral requirement	Referral agency	Date of referral response
Relevant purpose requirements of section 22A	DNR&M	15/09/2017
Addressing assessment requirements of State Code 16	SARA	25/07/2017
Identify and describe any changes made to the proposed development application that was the subject of the referral response and the development application the subject of this form, or include details in a schedule to this development application (if applicable).		

PART 6 – INFORMATION REQUEST

19) Information request under Part 3 of the DA Rules
<input checked="" type="checkbox"/> I agree to receive an information request if determined necessary for this development application <input type="checkbox"/> I do not agree to accept an information request for this development application
Note: By not agreeing to accept an information request I, the applicant, acknowledge:
<ul style="list-style-type: none"> that this development application will be assessed and decided based on the information provided when making this development application and the assessment manager and any referral agencies relevant to the development application are not obligated under the DA Rules to accept any additional information provided by the applicant for the development application unless agreed to by the relevant parties Part 3 of the DA Rules will still apply if the application is an application listed under section 11.3 of the DA Rules.
Further advice about information requests is contained in the <i>DA Forms Guide</i> .

PART 7 – FURTHER DETAILS

20) Are there any associated development applications or current approvals? (e.g. a preliminary approval)			
<input type="checkbox"/> Yes – provide details below or include details in a schedule to this development application <input checked="" type="checkbox"/> No			
List of approval/development application references	Reference number	Date	Assessment manager
<input type="checkbox"/> Approval <input type="checkbox"/> Development application			
<input type="checkbox"/> Approval <input type="checkbox"/> Development application			

21) Has the portable long service leave levy been paid? (only applicable to development applications involving building work or operational work)		
<input type="checkbox"/> Yes – the yellow local government/private certifier's copy of the receipted QLeave form is attached to this development application <input type="checkbox"/> No – I, the applicant will provide evidence that the portable long service leave levy has been paid before the assessment manager decides the development application. I acknowledge that the assessment manager may give a development approval only if I provide evidence that the portable long service leave levy has been paid <input checked="" type="checkbox"/> Not applicable		
Amount paid	Date paid (dd/mm/yy)	QLeave levy number (A, B or E)
\$		

22) Is this development application in response to a show cause notice or required as a result of an enforcement notice?
<input type="checkbox"/> Yes – show cause or enforcement notice is attached <input checked="" type="checkbox"/> No

23) Further legislative requirements

Environmentally relevant activities

23.1) Is this development application also taken to be an application for an environmental authority for an **Environmentally Relevant Activity (ERA)** under section 115 of the *Environmental Protection Act 1994*?

☐ Yes – the required attachment (form EM941) for an application for an environmental authority accompanies this development application, and details are provided in the table below

☒ No

Note: Application for an environmental authority can be found by searching “EM941” at www.qld.gov.au. An ERA requires an environmental authority to operate. See www.business.qld.gov.au for further information.

Proposed ERA number:		Proposed ERA threshold:	
----------------------	--	-------------------------	--

Proposed ERA name:	
--------------------	--

☐ Multiple ERAs are applicable to this development application and the details have been attached in a schedule to this development application.

Hazardous chemical facilities

23.2) Is this development application for a **hazardous chemical facility**?

☐ Yes – *Form 69: Notification of a facility exceeding 10% of schedule 15 threshold* is attached to this development application

☒ No

Note: See www.justice.qld.gov.au for further information.

Clearing native vegetation

23.3) Does this development application involve **clearing native vegetation** that requires written confirmation the chief executive of the *Vegetation Management Act 1999* is satisfied the clearing is for a relevant purpose under section 22A of the *Vegetation Management Act 1999*?

☒ Yes – this development application is accompanied by written confirmation from the chief executive of the *Vegetation Management Act 1999* (s22A determination)

☐ No

Note: See www.qld.gov.au for further information.

Environmental offsets

23.4) Is this development application taken to be a prescribed activity that may have a significant residual impact on a **prescribed environmental matter** under the *Environmental Offsets Act 2014*?

☐ Yes – I acknowledge that an environmental offset must be provided for any prescribed activity assessed as having a significant residual impact on a prescribed environmental matter

☒ No

Note: The environmental offset section of the Queensland Government's website can be accessed at www.qld.gov.au for further information on environmental offsets.

Koala conservation

23.5) Does this development application involve a material change of use, reconfiguring a lot or operational work within an assessable development area under Schedule 10, Part 10 of the Planning Regulation 2017?

☐ Yes

☒ No

Note: See guidance materials at www.ehp.qld.gov.au for further information.

Water resources

23.6) Does this development application involve **taking or interfering with artesian or sub artesian water, taking or interfering with water in a watercourse, lake or spring, taking overland flow water or waterway barrier works**?

☐ Yes – the relevant template is completed and attached to this development application

☒ No

Note: DA templates are available from www.dilgp.qld.gov.au.

23.7) Does this application involve **taking or interfering with artesian or sub artesian water, taking or interfering**

with water in a watercourse, lake or spring, or taking overland flow water under the *Water Act 2000*?

☐ Yes – I acknowledge that a relevant water authorisation under the *Water Act 2000* may be required prior to commencing development

☒ No

Note: Contact the Department of Natural Resources and Mines at www.dnrm.qld.gov.au for further information.

Marine activities**23.8) Does this development application involve aquaculture, works within a declared fish habitat area or removal, disturbance or destruction of marine plants?**

☐ Yes – an associated resource allocation authority is attached to this development application, if required under the *Fisheries Act 1994*

☒ No

Note: See guidance materials at www.daf.qld.gov.au for further information.

Quarry materials from a watercourse or lake**23.9) Does this development application involve the removal of quarry materials from a watercourse or lake under the *Water Act 2000*?**

☐ Yes – I acknowledge that a quarry material allocation notice must be obtained prior to commencing development

☒ No

Note: Contact the Department of Natural Resources and Mines at www.dnrm.qld.gov.au for further information.

Quarry materials from land under tidal waters**23.10) Does this development application involve the removal of quarry materials from land under tidal water under the *Coastal Protection and Management Act 1995*?**

☐ Yes – I acknowledge that a quarry material allocation notice must be obtained prior to commencing development

☒ No

Note: Contact the Department of Environment and Heritage Protection at www.ehp.qld.gov.au for further information.

Referable dams**23.11) Does this development application involve a referable dam required to be failure impact assessed under section 343 of the *Water Supply (Safety and Reliability) Act 2008* (the *Water Supply Act*)?**

☐ Yes – the 'Notice Accepting a Failure Impact Assessment' from the chief executive administering the *Water Supply Act* is attached to this development application

☒ No

Note: See guidance materials at www.dews.qld.gov.au for further information.

Tidal work or development within a coastal management district**23.12) Does this development application involve tidal work or development in a coastal management district?**

☐ Yes – the following is included with this development application:

☐ Evidence the proposal meets the code for assessable development that is prescribed tidal work (*only required if application involves prescribed tidal work*)

☐ A certificate of title

☒ No

Note: See guidance materials at www.ehp.qld.gov.au for further information.

Queensland and local heritage places**23.13) Does this development application propose development on or adjoining a place entered in the **Queensland heritage register** or on a place entered in a local government's **Local Heritage Register**?**

☐ Yes – details of the heritage place are provided in the table below

☒ No

Note: See guidance materials at www.ehp.qld.gov.au for information requirements regarding development of Queensland heritage places.

Name of the heritage place:		Place ID:	
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Brothels**23.14) Does this development application involve a material change of use for a brothel?**

- ☐ Yes – this development application demonstrates how the proposal meets the code for a development application for a brothel under Schedule 3 of the *Prostitution Regulation 2014*
- ☒ No

Decision under section 62 of the *Transport Infrastructure Act 1994*

23.15) Does this development application involve new or changed access to a state-controlled road?

- ☐ Yes - this application will be taken to be an application for a decision under section 62 of the *Transport Infrastructure Act 1994* (subject to the conditions in section 75 of the *Transport Infrastructure Act 1994* being satisfied)
- ☒ No

PART 8 – CHECKLIST AND APPLICANT DECLARATION**24) Development application checklist**

I have identified the assessment manager in question 15 and all relevant referral requirement(s) in question 17

☒ Yes

Note: See the *Planning Regulation 2017* for referral requirements

If building work is associated with the proposed development, Parts 4 to 6 of *Form 2 – Building work details* have been completed and attached to this development application

☐ Yes

☒ Not applicable

Supporting information addressing any applicable assessment benchmarks is with development application

Note: This is a mandatory requirement and includes any relevant templates under question 23, a planning report and any technical reports required by the relevant categorising instruments (e.g. local government planning schemes, State Planning Policy, State Development Assessment Provisions). For further information, see *DA Forms Guide: Planning Report Template*.

☒ Yes

Relevant plans of the development are attached to this development application

Note: Relevant plans are required to be submitted for all aspects of this development application. For further information, see *DA Forms Guide: Relevant plans*.

☒ Yes

The portable long service leave levy for QLeave has been paid, or will be paid before a development permit is issued (see 21))

☐ Yes

☒ Not applicable

25) Applicant declaration

☒ By making this development application, I declare that all information in this development application is true and correct

☒ Where an email address is provided in Part 1 of this form, I consent to receive future electronic communications from the assessment manager and any referral agency for the development application where written information is required or permitted pursuant to sections 11 and 12 of the *Electronic Transactions Act 2001*

Note: It is unlawful to intentionally provide false or misleading information.

Privacy – Personal information collected in this form will be used by the assessment manager and/or chosen assessment manager, any relevant referral agency and/or building certifier (including any professional advisers which may be engaged by those entities) while processing, assessing and deciding the development application. All information relating to this development application may be available for inspection and purchase, and/or published on the assessment manager's and/or referral agency's website.

Personal information will not be disclosed for a purpose unrelated to the *Planning Act 2016*, *Planning Regulation 2017* and the *DA Rules* except where:

- such disclosure is in accordance with the provisions about public access to documents contained in the *Planning Act 2016* and the *Planning Regulation 2017*, and the access rules made under the *Planning Act 2016* and *Planning Regulation 2017*; or
- required by other legislation (including the *Right to Information Act 2009*); or
- otherwise required by law.

This information may be stored in relevant databases. The information collected will be retained as required by the *Public Records Act 2002*.

PART 9 – FOR OFFICE USE ONLY

Date received: Reference number(s):

Notification of engagement of alternative assessment manager

Prescribed assessment manager	
Name of chosen assessment manager	
Date chosen assessment manager engaged	
Contact number of chosen assessment manager	
Relevant licence number(s) of chosen assessment manager	

QLeave notification and payment

Note: For completion by assessment manager if applicable

Description of the work	
QLeave project number	
Amount paid (\$)	
Date paid	
Date receipted form sighted by assessment manager	
Name of officer who sighted the form	

The *Planning Act 2016*, the *Planning Regulation 2017* and the *DA Rules* are administered by the Department of Infrastructure, Local Government and Planning. This form and all other required development application materials should be sent to the assessment manager.

15 September 2017

Edward Balzarolo
PO Box 222
Dimbulah Qld 4872

Dear Sir

RE: Proposal to undertake vegetation clearing for the relevant purpose of relevant infrastructure clearing, 88 on Plan HG88, 327 Leadingham Creek Road, Dimbulah - Mareeba Shire Council.

I refer to your request received by the Department of Natural Resources and Mines (the department) on 3 August 2017 to determine if proposed vegetation clearing on Lot 88 on Plan HG88 is for a relevant purpose under section 22A of the *Vegetation Management Act 1999* (VMA).

The department has considered the application and is satisfied that the proposed clearing for the purpose of relevant infrastructure activities (constructing necessary infrastructure) meets the relevant purpose requirements of section 22A of the VMA. Please note that this determination is not a development approval to carry out vegetation clearing.

It is strongly advised that, prior to lodging a development application, you arrange a pre-lodgement meeting through the State Assessment and Referral Agency (SARA) to identify all relevant State legislation, approvals and application requirements. Other legislation, such as those listed in Attachment 1, may be relevant to the proposed vegetation clearing. Should you require any additional information please contact your local SARA office as below:

Far North Queensland Regional Office
Ground Floor, Cairns Port Authority Building, Cnr Grafton and Hartley Streets, Cairns
PO Box 2358, Cairns QLD 4870
(07) 4037 3209
e-mail: CairnsSARA@dilqp.qld.gov.au

On accepting your application, SARA will request relevant technical advice from the department. That advice will be prepared in consideration of the State Development Assessment Provisions (SDAP) Code 16 - Native vegetation clearing. A copy of SDAP Code 16 is available on the internet at <http://www.dilqp.qld.gov.au/planning/development-assessment/state-development-assessment-provisions.html>. The information you provide to support your application should address these assessment provisions where they relate to the proposal.

DNRM Townsville
Verde Tower, Level 9
445 Flinders Street
PO Box 5318
Townsville QLD 4810

Telephone: (07) 4447 9150
Facsimile: (07) 4447 9200
Website: www.dnrm.qld.gov.au
ABN: 59 020 847 551

Should you have any further enquiries, please do not hesitate to contact Gus Maclaurin, Natural Resource Management Officer, North Region of the department on telephone (07) 4222 5435.

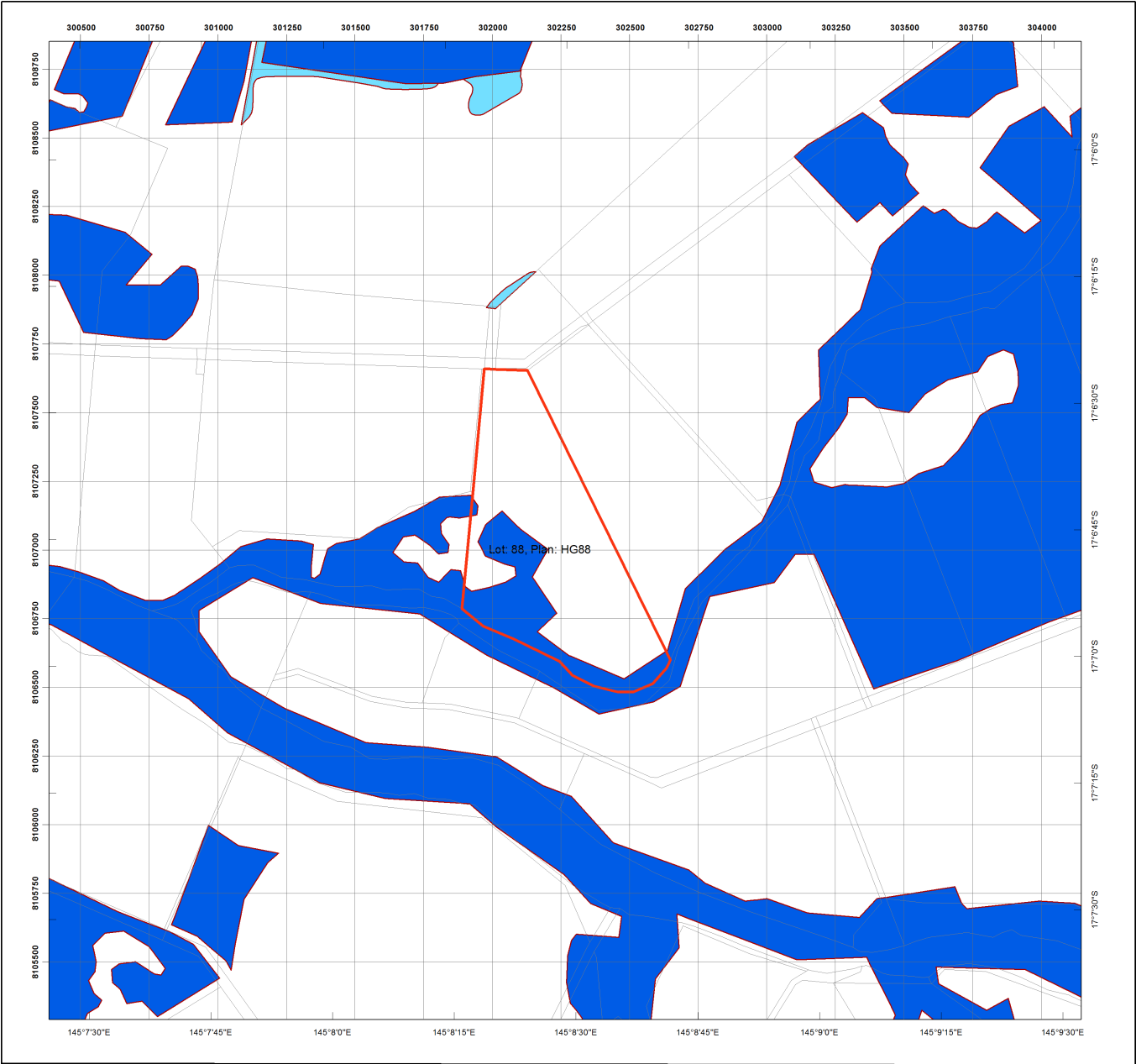
Yours sincerely

A handwritten signature in dark ink, appearing to read 'L. Gale', written in a cursive style.

Lisa Gale
Senior Natural resource management Officer
North Region

Attachment 1 - Legislation and Acts

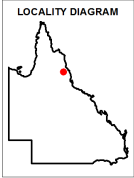
Act(s)	Agency
<ul style="list-style-type: none">• <i>Water Act 2000</i>• <i>Soil Conservation Act 1986</i>	Department of Natural Resources and Mines
<ul style="list-style-type: none">• <i>Aboriginal Cultural Heritage Act 2003</i>• <i>Torres Strait Islander Cultural Heritage Act 2003</i>	Department of Aboriginal and Torres Strait Islander Partnership
<ul style="list-style-type: none">• <i>Nature Conservation Act 1992</i>• <i>Environmental Protection Act 1994</i>• <i>Coastal Protection and Management Act 1995</i>• <i>Queensland Heritage Act 1992</i>	Department of Environment and Heritage Protection
<ul style="list-style-type: none">• <i>Fisheries Act 1994</i>	Department of Agriculture and Fisheries
<ul style="list-style-type: none">• <i>Environment Protection and Biodiversity Conservation Act 1999</i>	Australian Government - Department of the Environment
<ul style="list-style-type: none">• <i>Wet Tropics World Heritage Protection and Management Act 1993</i>• <i>Wet Tropics Management Plan 1998</i>	Wet Tropics Management Authority
<ul style="list-style-type: none">• <i>Local Government Act 2009</i>• <i>Regional Planning Interests Act 2014</i>• <i>Sustainable Planning Act 2009</i>	Department of Infrastructure Local Government and Planning



Regulated Vegetation Management Map

Legend

- Lot and Plan
- Category A area (Vegetation offsets/compliance notices/VDecs)
- Category B area (Remnant vegetation)
- Category C area (High-value regrowth vegetation)
- Category R area (Reef regrowth watercourse vegetation)
- Category X area (Exempt on Freehold, Indigenous and Leasehold land)
- Water
- Area not categorised
- Cadastral line
- Property boundaries shown are provided as a locational aid only



0 200 400 600 800 1,000 m

This product is projected into:
GDA 1994 MGA Zone 55

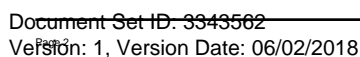
Disclaimer:
While every care is taken to ensure the accuracy of this product, the Department of Natural Resources and Mines makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the product being inaccurate or incomplete in any way and for any reason.

Additional information required for the assessment of vegetation values is provided in the accompanying "Vegetation Management Supporting map". For further information go to the web site: www.dnrm.qld.gov.au or contact the Department of Natural Resources and Mines.

Digital data for the regulated vegetation management map is available from the Queensland Spatial Portal at <http://www.information.qld.gov.au/>

This map is updated on a monthly basis to ensure new PMAVs are included as they are approved.





Vegetation Management Act 1999 - Extract from the essential habitat database

Essential habitat is required for assessment under the:

- State Development Assessment Provisions - Module 8: Native vegetation clearing which sets out the matters of interest to the state for development assessment under the *Sustainable Planning Act 2009*; and
- Self-assessable vegetation clearing codes made under the *Vegetation Management Act 1999*

Essential habitat for one or more of the following species is found on and within 1.1 km of the identified subject lot/s or on and within 2.2 km of an identified coordinate on the accompanying essential habitat map.

This report identifies essential habitat in Category A, B and Category C areas.
The numeric labels on the essential habitat map can be cross referenced with the database below to determine which essential habitat factors might exist for a particular species.
Essential habitat is compiled from a combination of species habitat models and buffered species records.

The Department of Natural Resources and Mines website (<http://www.dnrm.qld.gov.au>) has more information on how the layer is applied under the State Development Assessment Provisions - Module 8: Native vegetation clearing and the *Vegetation Management Act 1999*.

Regional ecosystem is a mandatory essential habitat factor, unless otherwise stated.
Essential habitat, for protected wildlife, means a category A area, a category B area or category C area shown on the regulated vegetation management map-

- 1) (a) that has at least 3 essential habitat factors for the protected wildlife that must include any essential habitat factors that are stated as mandatory for the protected wildlife in the essential habitat database; or
- 2) (b) in which the protected wildlife, at any stage of its life cycle, is located.

Essential habitat identifies endangered or vulnerable native wildlife prescribed under the *Nature Conservation Act 1994*.

Essential habitat in Category A and B (Remnant vegetation species record) areas:1100m Species Information

(no results)

Essential habitat in Category A and B (Remnant vegetation species record) areas:1100m Regional Ecosystems Information

(no results)

Essential habitat in Category A and B (Remnant vegetation) areas:1100m Species Information

(no results)

Essential habitat in Category A and B (Remnant vegetation) areas:1100m Regional Ecosystems Information

(no results)

Essential habitat in Category C (High value regrowth vegetation) areas:1100m Species Information

(no results)

Essential habitat in Category C (High value regrowth vegetation) areas:1100m Regional Ecosystems Information

(no results)