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Sent: Mon, 16 Aug 2021 12:10:49 +1000
To: "Brian Millard" <BrianM@msc.qld.gov.au>; "Carl Ewin"
<CarlE@msc.qld.gov.au>; "CairnsSARA" <CairnsSARA@dsdmip.qld.gov.au>
Cc: "Info (Shared)" <info@msc.qld.gov.au>
Subject: Agri Technovation Pty Ltd - 203 Leafgold Weir Road, Dimbulah
(C1211)
Attachments: 210816 C1211 Letter to Council.pdf

Good Afternoon Brian and Carl,

Please find **attached** our letter to Council dated 16 August 2021. This letter also attaches the Response dated 16 August 2021 to the SARA Information Request.

Please confirm receipt of this email and attachments .

We will advise further in relation to to the timing for the public notification .

--

Regards
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16 August 2021

Chief Executive Officer
Mareeba Shire Council
PO Box 154
MAREEBA Q 4880

Our Reference VGF – C1211

Attention: Brian Millard/Carl Ewin

Dear Sir

RE: DEVELOPMENT APPLICATION FOR:-

- A) MATERIAL CHANGE OF USE – IMPACT ASSESSMENT FOR SPECIAL INDUSTRY (LIQUID FERTILISER PLANT) AND RETENTION OF EXISTING RURAL USES; AND**
- B) ENVIRONMENTAL AUTHORITY (EA) FOR PRESCRIBED (CONCURRENCE) ENVIRONMENTALLY RELEVANT ACTIVITY (ERA) 7(4A) “CHEMICAL MANUFACTURING (4) MANUFACTURING IN A YEAR, THE FOLLOWING QUANTITIES OF FERTILISER (A) 200 TONNES TO 5,000 TONNES”**

**ON LAND LOCATED AT 203 LEAFGOLD WEIR ROAD, DIMBULAH AND DESCRIBED AS LOT 1 ON SP173508
COUNCIL REFERENCE: MCU/21/0015**

We act on further instructions from Agri Technovation Pty Ltd, the applicant in relation to the above described proposal.

In this regard please find attached the following:-

- a) the State Assessment and Referral Agency (SARA) Information Request dated 10 August 2021; and
- b) the cover letter dated 16 August 2021 including the response (dated 13 August 2021) to the Information Request prepared by NRA Environmental Consultants.

Based on further instructions provided by Agri Technovation Pty Ltd as part of the response to the SARA Information Request, the following matters are submitted in relation to the Town Planning Report (Reference VGF-C1211 dated July 2021) previously lodged with Council:-

- a) it is confirmed that the application, further assessment and conditions of approval are to be based on a total production of 5,000t/annum of fertilizer;
- b) it is noted that the previous supporting information lodged with Council for the application nominated a production range between 3,000t to 5,000t;
- c) The water usage rate of between 2.25 to 2.625 megalitres in year five (item 5.07(b) – page 9) allows for a production range of 3,000t to 5,000t;

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d) the table in section 5.09 (page 10) in relation to traffic generation is to be amended to read as follows:-

Vehicle Movement Type	Frequency*	
	Year 1 (800t)	Year 5 (3,000t to 5,000t)
a) Delivery of bulk dry material to site (articulated truck 32-34 metric tons) <ul style="list-style-type: none"> • June to January (Peak) • February to May (Non-Peak) 	2 / month 1 / month	2 / week 2 / month
b) Delivery of Liquid raw material to surrounding area <ul style="list-style-type: none"> • June to January (Peak) (4-12 tonne truck) • February to May (Non-Peak) (12-20 tonne truck) 	1 / day 1 / week	2 / day 2 / week
c) Three (3) Staff Vehicles	30-40 / week	30-40 / week

* Note: Represents maximum expected frequency for traffic generation.

- e) further to item d) above, it is confirmed that the vehicle movements for the production range between 3,000t to 5,000t will remain the same as larger vehicles (with a higher load capacity) will be utilized for both bulk dry material and liquid raw material deliveries during higher production periods;
- f) it is confirmed that the layout and configuration of the plant as shown by Proposal Plans and Bund Wall Heights (**Appendix E**) does not need to be altered to accommodate an annual maximum production of 5,000t; and
- g) the maximum annual production is within the nominated threshold for the Environmental Authority described in the Town Planning Report.

We request that Council consider the application on the basis of the previously lodged Town Planning Report, the contents of this letter and the attached response dated 13 August 2021 to the SARA Information Request.

Please contact our Cairns Office should Council require any clarification on this matter.

Yours faithfully
VICTOR G FEROS TOWN PLANNING CONSULTANTS



Nick Hardy
Associate and Office Manager

cc: Agri Technovation Pty Ltd
Attention: Rudi Kriese

cc: Natural Resource Assessments
Attention: Tim Anderson
Rhiannon Williams

cc: State Assessment and Referral Agency



SARA reference: 2107-23740 SRA
 Applicant reference: C1211
 Council reference: MCU21/0015

10 August 2021

Agri Technovation Pty Ltd
 C/- Victor G Feros Town Planning Consultants
 PO Box 1256
 CAIRNS QLD 4870
 cairns@ferosplanning.com.au

Attention: Nick Hardy

Dear Sir/Madam,

SARA information request - 203 Leafgold Weir Road, Dimbulah

(Given under section 12 of the Development Assessment Rules)

This notice has been issued because the State Assessment and Referral Agency (SARA) has identified that information necessary to assess your application against the relevant provisions of the State Development Assessment Provisions (SDAP) has not been provided.

Environmentally Relevant Activity (ERA) 7 (4)(a) – chemical manufacturing 200- 5,000 tonnes per year	
1.	<p><u>Issue</u></p> <p>The application material states that for the first year of production the proposed development is expected to produce 800t of product, with this increasing to 3,000t in subsequent years and the <i>potential</i> for further increase to 5,000t/year.</p> <p>It is necessary to confirm the maximum tonnage of material over the subsequent years, as the proposal may require further approval for any additional production which is not clearly identified within this application.</p> <p><u>Action</u></p> <p>Confirm:</p> <ol style="list-style-type: none"> 1. the expected maximum tonnage of material that is proposed to be conducted by the proposed activity 2. the predicted impacts to the receiving environment would not change as a result of the

	increase in production.
2.	<p>Issue</p> <p>The application material states that wet and dry materials will be mixed to produce the finished product and that fertiliser will be produced by dissolving non-hazardous raw materials in water. Further clarification is required regarding the manufacturing process.</p> <p>Action</p> <ol style="list-style-type: none"> 1. Advise whether the chemicals described in the following excerpt from the application form part of the volume of chemicals to be manufactured under ERA 7 “<i>mixing non-combustible or non-flammable chemicals or chemical products that are not dangerous goods by diluting the chemicals or chemical products with water only.</i>” Please ensure that the total annual volume of chemical production takes this into consideration. 2. Demonstrate the storage and containment systems proposed have taken into consideration any potential non-compatible chemicals that may be required to be stored separately.
3.	<p>Issue</p> <p>The application material states the entirety of the activity will take place within the existing structure. Information has not been provided regarding if this is the case when the activity is operating at the maximum production rate of 5,000t.</p> <p>Action</p> <p>Demonstrate that sufficient space will be available at the maximum proposed production rate to store the required volume of raw materials, finished product and any additional production plant and equipment that may be required.</p>
4.	<p>Issue</p> <p>Insufficient information has been provided to determine if the proposed increase in production will result in an increase in operational hours.</p> <p>Action</p> <p>Confirm</p> <ol style="list-style-type: none"> 1. the proposed hours of operation and if the proposed increase in production will result in an increase in operational hours 2. the impacts of any extended operational hours will have on nearby sensitive receptors (such as anticipated noise levels during and after-hours activities).
Water	
5.	<p>Issue</p> <p>The application material identifies that discharge to the nearby concrete lined irrigation channel feature is considered unlikely, as the proposed use is located below the level of the channel. There is a potential that under certain climatic events the irrigation channel may overflow and flood the site and surrounding areas.</p> <p>Action</p> <p>Confirm:</p> <ol style="list-style-type: none"> 1. the % annual exceedance probability event where flooding of the site may occur 2. if the proposed facility is at risk of inundation in any such event.

6.	<p><u>Issue</u></p> <p>The application material states that onsite chemical containment has been designed to be compliant with the relevant Australian Standards, however details of these standards have not been provided.</p> <p><u>Action</u></p> <p>Confirm which Australian Standards have been applied.</p>
Noise	
7.	<p><u>Issue</u></p> <p>The application material has identified the need to assess the activities potential impact to the existing acoustic environment. However, from the information provided, it is unclear if a noise impact assessment of the proposed activity has been completed.</p> <p><u>Action</u></p> <ol style="list-style-type: none"> 1. Confirm if a noise impact assessment has been completed. 2. Provide information that demonstrates the assessment has taken into consideration the activity at the maximum proposed capacity. This must include: <ul style="list-style-type: none"> • the proposed hours of operation • all plant and equipment proposed to be in place • movement of vehicles onsite (including any early morning / late night deliveries).
8.	<p><u>Issue:</u></p> <p>The application material identifies there is a residential premises located adjacent to the proposed activity (approximately 100m to the east). It is unclear if this premises has been considered a sensitive receptor with respect to any noise impact assessment. It is noted that under the <i>Planning Act 2016</i> there may be certain circumstances where a property may not be considered sensitive receptor (i.e. caretaker cottages located onsite).</p> <p><u>Action:</u></p> <ol style="list-style-type: none"> 1. Provide information regarding the relationship, if any, this residential premises may have to the proposed activity 2. Advise if any specific abatement measures are proposed to prevent the residents of this premises from being impacted.

How to respond

You have three months to respond to this request and the due date to SARA is 9 November 2021.

You may respond by providing either: (a) all of the information requested; (b) part of the information requested; or (c) a notice that none of the information will be provided. Further guidance on responding to an information request is provided in section 13 of the [Development Assessment Rules](#) (DA Rules).

It is recommended that you provide all the information requested above. If you decide not to provide all the information requested, your application will be assessed and decided based on the information provided to date.

You are requested to upload your response and complete the relevant tasks in [MyDAS2](#).

As SARA is a referral agency for this application, a copy of this information request will be provided to the assessment manager in accordance with section 12.4 of the DA Rules.

If you require further information or have any questions about the above, please contact Ruth Creffield, A/Senior Planning Officer, on 5352 9775 or via email CairnsSARA@dasilgp.qld.gov.au who will be pleased to assist.

Yours sincerely



Joanne Manson
A/Manager (Planning)

cc Mareeba Shire Council, planning@msc.qld.gov.au

Development details	
Description:	Development permit Material change of use - special industry (liquid fertiliser plant) and environmentally relevant activity (ERA 7(4)(a)) manufacturing 200 - 5,000 tonnes per year
SARA role:	Referral agency
SARA trigger:	Schedule 10, Part 5, Division 4, Table 2 (Planning Regulation 2017) Environmentally relevant activity
SARA reference:	2107-23740 SRA
Assessment criteria:	SDAP: State code 22: Environmentally relevant activities

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16 August 2021

State Assessment and Referral Agency
Department of State Development, Infrastructure, Local Government and Planning
PO Box 2358
Cairns QLD 4870

Our Reference VGF – C1211

Dear Sir

RE: RESPONSE TO SARA INFORMATION REQUEST FOR DEVELOPMENT PERMIT FOR

- A) MATERIAL CHANGE OF USE – IMPACT ASSESSMENT FOR SPECIAL INDUSTRY (LIQUID FERTILISER PLANT) AND RETENTION OF EXISTING RURAL USES; AND**
- B) ENVIRONMENTAL AUTHORITY (EA) FOR PRESCRIBED (CONCURRENCE) ENVIRONMENTALLY RELEVANT ACTIVITY (ERA) 7(4A) "CHEMICAL MANUFACTURING (4) MANUFACTURING IN A YEAR, THE FOLLOWING QUANTITIES OF FERTILISER (A) 200 TONNES TO 5,000 TONNES"**

ON LAND LOCATED AT 203 LEAFGOLD WEIR ROAD, DIMBULAH ON LAND DESCRIBED AS LOT 1 ON SP173508

SARA REFERENCE: 2107-23740 SRA

We act on instructions from Agri Technovation Pty Ltd, the applicant in relation to the above described application.

Reference is also made to the Information Request dated 10 August 2021 in relation to this application.

In this regard, please find attached a response dated 13 August 2021 prepared by NRA Environmental Consultants on behalf of Agri Technovation Pty Ltd.

The attached submission provides a response to all of the information requested and addresses all outstanding matters.

Accordingly, in accordance with Section 13.2(a) of the Development Assessment Rules, please accept the attached submission as a full response and the Department is requested to proceed with the assessment of the Development Application.

Should there be any queries regarding the above, please contact the writer on (07) 4031 3663.

We await your further advice in relation to this matter.

Yours faithfully
VICTOR G FEROS TOWN PLANNING CONSULTANTS


Nick Hardy
Associate and Office Manager

cc: Agri Technovation Pty Ltd
Attention: Rudi Kriese

cc: Natural Resource Assessments
Attention: Tim Anderson / Rhiannon Williams

cc: Mareeba Shire Council
Attention: Brian Millard / Carl Ewin

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NRA Reference: SARA info request NRA response_L01.docx

13 August 2021

State Assessment and Referral Agency (SARA)
Far North Queensland Regional Office
Ground Floor, Cnr Grafton and Hartley St
Cairns QLD 4870

Attention: Joanne Manson, A/Manager (Planning)

Dear Joanne

RE: SARA information request – 203 Leafgold Weird Road, Dimbulah (ref: 2107-23740 SRA)

Reference is made to the application lodged 13 July 2021 for an Environmental Authority for prescribed (concurrence) Environmentally Relevant Activity 7(4a) ‘*Chemical manufacturing (4) manufacturing in a year, the following quantities of fertiliser (a) 200 tonnes to 5,000 tonnes*’ to be undertaken at Lot 1 SP173508, 203 Leafgold Weir Road, Dimbulah, prepared and lodged following consultation with Local and State government officers (including pre-lodgement meetings and a preliminary application process); and to the State Assessment and Referral Agency (SARA) letter of 10 August 2021 that detailed the information request after the assessment of the application.

Please see **Table 1** below for the response prepared in consultation with the applicant (*ie* Agri Technovation Pty Ltd (AgriTech)) to the information request.

Table 1: Response to SARA information request

Item	Information requested by SARA
Environmentally Relevant Activity (ERA) 7 (4)(a) – chemical manufacturing 200- 5,000 tonnes per year	
1.	<p><u>Issue</u> The application material states that for the first year of production the proposed development is expected to produce 800t of product, with this increasing to 3,000t in subsequent years and the potential for further increase to 5,000t/year. It is necessary to confirm the maximum tonnage of material over the subsequent years, as the proposal may require further approval for any additional production which is not clearly identified within this application.</p> <p><u>Action</u> Confirm: 1. the expected maximum tonnage of material that is proposed to be conducted by the proposed activity 2. the predicted impacts to the receiving environment would not change as a result of the increase in production.</p> <p><u>Response</u> The proposed activity will produce up to 5,000 t/annum of fertiliser.</p> <p>The potential impacts to the receiving environment do not change for an increased annual production from 3,000 t though to a maximum of 5,000 t. This is because:</p> <ul style="list-style-type: none"> there is no need to alter plant and its configuration in the shed as production rises from 3,000 t to 5,000 t

Item	Information requested by SARA
	<ul style="list-style-type: none"> • there is no need to alter the frequency of transport movements as rate of materials input and output rise as production increases (truck sizes will vary depending on the quantities) • the hours of operation nominated (<i>ie</i> Monday to Saturday 8 am to 5 pm) remain the same as production increases.
2.	<p><u>Issue</u> The application material states that wet and dry materials will be mixed to produce the finished product and that fertiliser will be produced by dissolving non-hazardous raw materials in water. Further clarification is required regarding the manufacturing process.</p> <p><u>Action</u> 1. Advise whether the chemicals described in the following excerpt from the application form part of the volume of chemicals to be manufactured under ERA 7 “mixing non-combustible or non-flammable chemicals or chemical products that are not dangerous goods by diluting the chemicals or chemical products with water only.” Please ensure that the total annual volume of chemical production takes this into consideration. 2. Demonstrate the storage and containment systems proposed have taken into consideration any potential non-compatible chemicals that may be required to be stored separately.</p> <p><u>Response</u> The annual volume of fertiliser produced (which comprises the raw materials and water) as a result of the activity will not exceed 5,000 t.</p> <p>The liquid fertiliser produced by AgriTech is not a dangerous good, and no dangerous goods will be used in production of the product. Chemical containment will be designed and maintained in accordance with Australian Standard 1940:2017 ‘<i>The Storage and Handling of flammable and combustible liquids</i>’. A site layout plan is provided in Attachment 1. Raw materials will be stored as follows.</p> <ul style="list-style-type: none"> • Solid raw materials are to be stored separately from liquid raw materials in the dry bulk storage area in 25 kg and 1 t bags. • Liquid raw materials will be stored in 22,730 L storage tanks. • Hydrocarbon fuels (used for forklift and delivery truck refuelling) will be stored adjacent to the storage shed in an above ground fuel storage tank with a capacity of 1,000 L.
3.	<p><u>Issue</u> The application material states the entirety of the activity will take place within the existing structure. Information has not been provided regarding if this is the case when the activity is operating at the maximum production rate of 5,000 t.</p> <p><u>Action</u> Demonstrate that sufficient space will be available at the maximum proposed production rate to store the required volume of raw materials, finished product and any additional production plant and equipment that may be required.</p> <p><u>Response</u> The storage shed can accommodate the raw materials and product volumes involved with the increased production (<i>ie</i> 5,000 t/annum of product). Through-put of materials and products will be increased to accommodate the increased production. No additional plant or equipment will be required for an increase from 3,000 t though to 5,000 t of product. A site layout plan is provided in Attachment 1.</p>
4.	<p><u>Issue</u> Insufficient information has been provided to determine if the proposed increase in production will result in an increase in operational hours.</p> <p><u>Action</u> Confirm: 1. the proposed hours of operation and if the proposed increase in production will result in an increase in operational hours 2. the impacts of any extended operational hours will have on nearby sensitive receptors (such as anticipated noise levels during and after-hours activities).</p>

Item	Information requested by SARA
	<p><u>Response</u> At maximum capacity (<i>ie</i> 5,000 t/annum) operational activities at the site will occur 6 days per week (Monday to Saturday), restricted to daylight hours (from 8 am to 5 pm). There will be no increase in the hours of operation for 3,000 t/annum compared to 5,000 t/annum of production. Rather, through-put of materials and products will be increased. No extended operational hours or after-hours activities are proposed, therefore potential impacts to sensitive receptors remain unchanged.</p>
Water	
5.	<p><u>Issue</u> The application material identifies that discharge to the nearby concrete lined irrigation channel feature is considered unlikely, as the proposed use is located below the level of the channel. There is a potential that under certain climatic events the irrigation channel may overflow and flood the site and surrounding areas.</p> <p><u>Action</u> Confirm: 1. the % annual exceedance probability event where flooding of the site may occur 2. if the proposed facility is at risk of inundation in any such event.</p> <p><u>Response</u> It is unlikely that the site will flood due to overtopping from the concrete lined irrigation channel. This is due to the following reasons.</p> <ol style="list-style-type: none"> 1. The owner of the irrigation channel is Sunwater (a Queensland Government statutory body) which reports that emergency overflows from the irrigation channel are generally only used during extreme weather events (DES 2020a). Clarification from Sunwater of the magnitude/frequency of the rainfall event that would lead to overflow of the irrigation channel has been sought. 2. Sunwater is obliged to prevent overflow events and operates under a statutory Code of Practice (DES 2020a) which includes overflow avoidance measures. The irrigation channel has an emergency overflow for the release of excess water where it exceeds the full supply level. 3. In the unlikely event of overflow (<i>ie</i> extreme rainfall and the emergency overflow systems Sunwater have in place fail), flooding of the storage shed is not anticipated because: <ol style="list-style-type: none"> a. sudden or large volume water influxes are unlikely to occur due to the structural nature of the irrigation channel (<i>ie</i> in an overflow event water would flow as sheet flow over the top of the concrete) b. the storage shed is located top to mid-slope relative to the channel; based on a review of topographical data (DES 2019b) if an overflow event occurred from the irrigation channel, water would overtop the channel as sheet flow following the topography c. water is unlikely to enter the shed as the shed wall is a barrier to ingress, and the entrances are on the southern and eastern sides (<i>ie</i> away from the predicted path of overland flow coming from the channel).
6.	<p><u>Issue</u> The application material states that onsite chemical containment has been designed to be compliant with the relevant Australian Standards, however details of these standards have not been provided.</p> <p><u>Action</u> Confirm which Australian Standards have been applied.</p> <p><u>Response</u> Chemical containment will be designed and maintained in accordance with Australian Standard 1940:2017 '<i>The Storage and Handling of flammable and combustible liquids</i>'.</p>

Item	Information requested by SARA
Noise	
7.	<p><u>Issue</u></p> <p>The application material has identified the need to assess the activities potential impact to the existing acoustic environment. However, from the information provided, it is unclear if a noise impact assessment of the proposed activity has been completed.</p> <p><u>Action</u></p> <ol style="list-style-type: none"> 1. Confirm if a noise impact assessment has been completed. 2. Provide information that demonstrates the assessment has taken into consideration the activity at the maximum proposed capacity. This must include: <ul style="list-style-type: none"> • the proposed hours of operation • all plant and equipment proposed to be in place • movement of vehicles onsite (including any early morning / late night deliveries). <p><u>Response</u></p> <p>Noise impacts were assessed in NRA (2021). Additional information is provided below.</p> <ul style="list-style-type: none"> • Description of background noise levels. • Description of hours of operation at maximum capacity (<i>ie 5,000 t/annum</i>). • Plant and equipment to be used. • Anticipated traffic movements on site at maximum capacity (<i>ie 5,000 t/annum</i>). • Assessment of potential impacts. • Mitigation measures to be implemented. <p>Background noise levels in the area are commensurate with a rural environment. DES (2013) provides deemed background noise levels for isolated rural areas (<i>ie between 7 am and 6 pm the deemed background noise level provided is 35 dB(A)</i>). Background noise is generated from road traffic (<i>ie Leafgold Weir Road</i>) and activities on nearby agricultural and residential properties. Agricultural activities are undertaken in the area including the use of machinery for cultivation, spreading fertiliser and pesticides and related transport. In addition, fertiliser production activities (on a smaller scale than the proposed activity) occur on multiple residences in the area.</p> <p>The hours of operation nominated (<i>ie Monday to Saturday 8 am to 5 pm</i>) remain the same as production increases.</p> <p>The following plant and equipment will be used for the proposed activity:</p> <ul style="list-style-type: none"> • forklift • delivery truck • mixing and storage tasks (and associated infrastructure) as per the site layout plan (Attachment 1). <p>Proposed truck movements at maximum capacity (<i>ie 5,000 t/annum</i>) during peak (June to January) and off-peak (February to May) production months is no different from that for 3,000 t/annum as follows.</p> <ul style="list-style-type: none"> • delivery of dry bulk materials twice per week during peak production months, and twice per month during off-peak production months • product dispatches twice per day during peak production months, and twice per week during off-peak production months. <p>In addition, three staff will be employed on-site, generating approximately 30-40 vehicle movements per week. The general public will not be required to visit the site as a product delivery service will be provided.</p> <p>The proposed activity is unlikely to cause adverse impacts to acoustic environmental values and sensitive receptors as processes will be undertaken within an enclosed building.</p> <p>The following measures are intended to avoid potential impacts to sensitive receptors.</p> <ul style="list-style-type: none"> • Traffic movements will be limited to that described above.

Item	Information requested by SARA
	<ul style="list-style-type: none"> • Operations will be scheduled (where practicable) for times when they will have the least impact, <i>ie</i> 8 am to 5 pm. • Noise generating activities will be conducted inside the shed (which will act as an acoustic barrier) where practicable. • Noise reducing devices (<i>eg</i> mufflers) will be fitted and maintained on equipment and plant where practicable. <p>A focus on avoidance of an issue has been adopted. Notwithstanding, it is proposed to establish a complaints register. In addition to the mitigation measures provided above, should a non-frivolous or non-vexatious noise complaint be received regarding the proposed activity, the complaint will be investigated and where it cannot be resolved, then further investigation will be undertaken according to the <i>Noise Measurement Manual</i> (DES 2020b). Consistent with DES (2013), performance criteria for noise impacts associated with the proposed activity will be background noise level plus 10 dB(A).</p>
8.	<p><u>Issue:</u> The application material identifies there is a residential premises located adjacent to the proposed activity (approximately 100 m to the east). It is unclear if this premises has been considered a sensitive receptor with respect to any noise impact assessment. It is noted that under the <i>Planning Act 2016</i> there may be certain circumstances where a property may not be considered sensitive receptor (<i>ie</i> caretaker cottages located onsite).</p> <p><u>Action:</u> 1. provide information regarding the relationship, if any, this residential premises may have to the proposed activity 2. advise if any specific abatement measures are proposed to prevent the residents of this premises from being impacted.</p> <p><u>Response</u> The residential premises located approximately 100 m east of the site includes a farm residence (and associated farm buildings). The residence is considered a sensitive receptor under Schedule 1 of the Environment Protection (Noise) Policy (EPP Noise).</p> <p>All practical measures to mitigate the impacts of noise have been provided in response to Item 7.</p>

References:

- DES 2013, *Prescribing noise conditions for environmental authorities for petroleum activities*, Queensland Department of Environment and Science, Brisbane, viewed 11 August 2021, <<https://www.qld.gov.au>>.
- DES 2019b, *Contours - 10 metre interval - by area of interest*, Queensland Department of Environment and Science, Brisbane, viewed 11 August 2021, <<https://qldglobe.information.qld.gov.au/>>.
- DES 2020a, *Code of practice for the management of algal growth in water supply channels of the Mareeba Dimbulah Water Supply Scheme and release of associated treated water to receiving waters, Prepared in accordance with Section 551 of the Environmental Protection Act 1994*, Queensland Department of Environment and Science, Brisbane, October 2020.
- DES 2020b, *Noise Measurement Manual, Version 4.01*, Queensland Department of Environment and Science, Brisbane, 10 March 2020.
- DERM 2012, *Interim Floodplain Assessment Overlay Walsh River Sub-Basin 2012 V1.0*, Queensland Department of Environment and Resource Management, Brisbane, January 2012.
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- Sunwater 2020, *Mareeba Dimbulah Water Supply Scheme Map, Version 3*, Sunwater, Brisbane, viewed 11 August 2021, <<https://www.sunwater.com.au/>>.

If you have any questions regarding the enclosed, please do not hesitate to contact me on (07) 4034 5300 or rhiannon@natres.com.au.

Yours sincerely

NRA Environmental Consultants



Rhiannon Williams

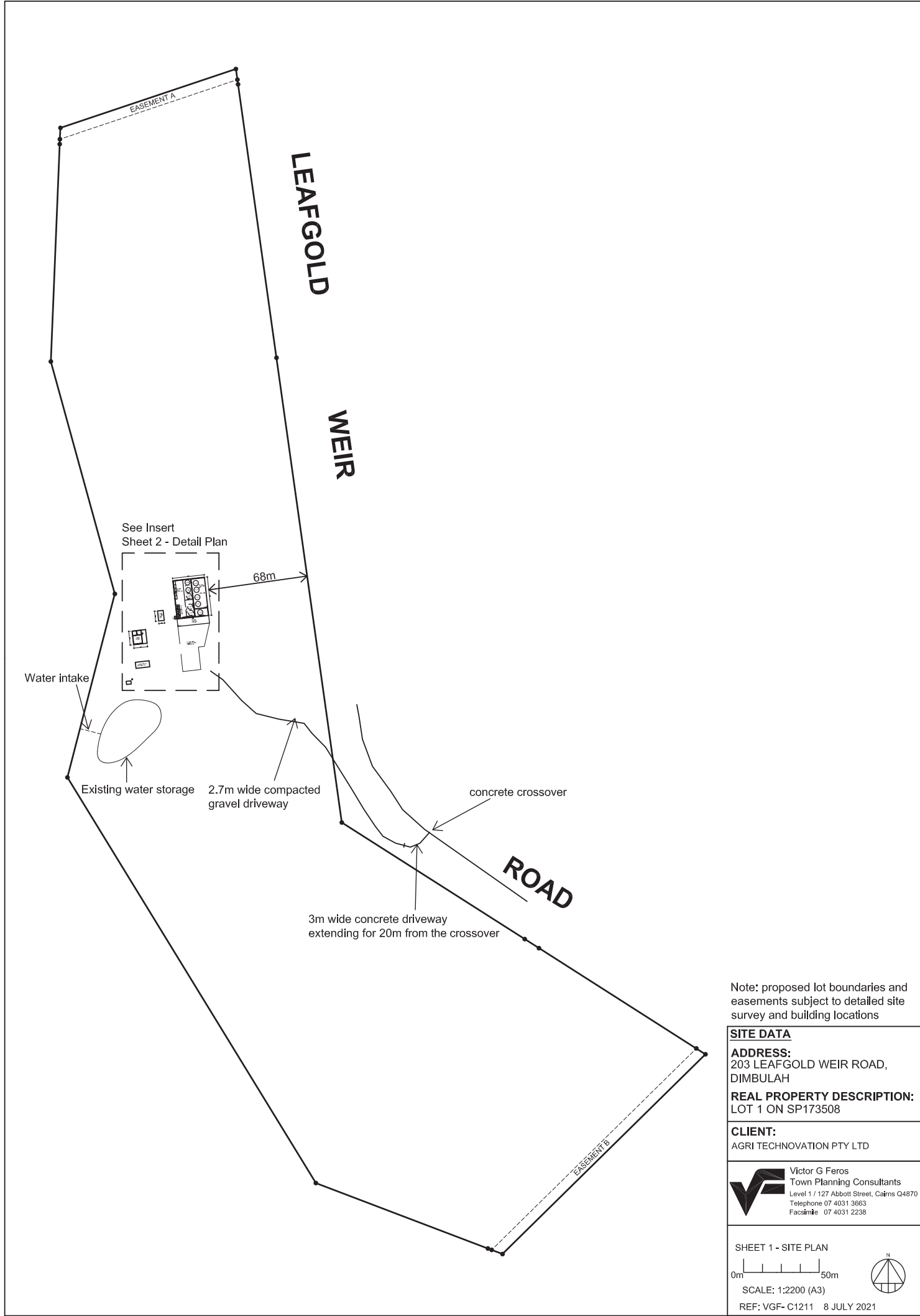
Environmental Scientist

Encl: Attachment 1: Site layout plan

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Attachment 1



Note: proposed lot boundaries and easements subject to detailed site survey and building locations


SITE DATA
ADDRESS: 203 LEAFGOLD WEIR ROAD, DIMBULAH
REAL PROPERTY DESCRIPTION: LOT 1 ON SP173508
CLIENT: AGRI TECHNOVATION PTY LTD
 Victor G Feros Town Planning Consultants Level 1 / 127 Abbott Street, Cairns Q4870 Telephone 07 4031 3663 Facsimile 07 4031 2238

SHEET 1 - SITE PLAN

0m  50m

SCALE: 1:2200 (A3)

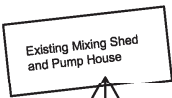
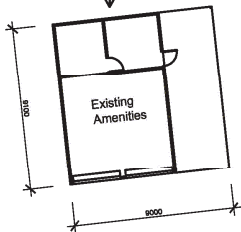
REF: VGF-C1211 8 JULY 2021



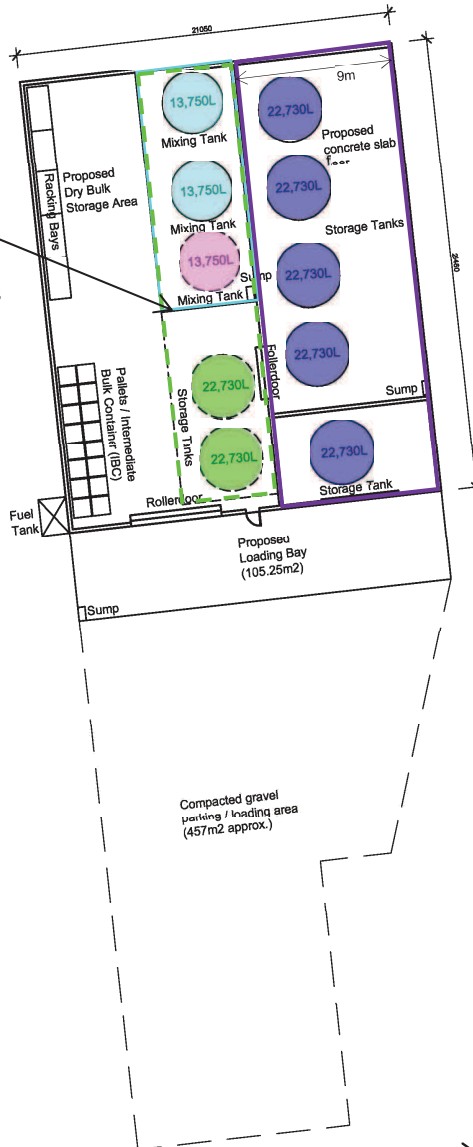
Stage 1 bund wall removed when Stage 2 bund wall is established

Existing covered water tanks included in proposal

This existing building will be used as an Office / Amenities and included in the proposal



The existing Mixing Shed and Pump House is not included in the proposal.



LEGEND

- STAGE 1 - MIXING TANKS
- STAGE 1 - STORAGE TANKS
- STAGE 1 - MIXING TANKS BUND WALL (0.5M HIGH)
- STAGE 1 - STORAGE TANKS BUND WALL (0.65M HIGH)
- STAGE 2 - MIXING TANK
- STAGE 2 - STORAGE TANKS
- STAGE 2 - EXPANSION TO MIXING TANKS AND STORAGE TANKS BUND WALL (1M HIGH)

Note: proposed lot boundaries and easements subject to detailed site survey and building locations

SITE DATA

ADDRESS:
203 LEAFGOLD WEIR ROAD,
DIMDULAI

REAL PROPERTY DESCRIPTION:
LOT 1 ON SP173508

CLIENT:
AGRI TECHNOVATION PTY LTD

Victor G Feros
Town Planning Consultants
Level 4 / 427 Abbott Street, Cairns QLD 4870
Telephone 07 4031 3663
Facsimile 07 4031 2238

SHEET 2 - DETAIL PLAN



REF: VGF- C1211 1 JULY 2021