

RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021 	
<u>PERSON MAKING SUBMISSION</u>		
Name:	DIANE DENNIS	
Residential Address:	1/13 DERBY ST SOUTH GLADSTONE	
Phone Number:	4979 1281	GLADSTONE REGIONAL COUNCIL Gladstone Office
Email:	dianedennis3@yahoo.com	Date: 3/9/21 Time: 14:02 Name: Lomy

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

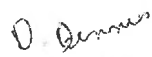
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Regards,

Signature:	
Name:	DIANE DENNIS
Date:	1.9.21
Email to:	Info@gladstone.qld.gov.au

The Assessment Manager,
Gladstone Regional Council,
PO Box 29
GLADSTONE QLD 4680

SCANNED
TO RMU

Dear Manager,

**Material Change of Use - Impact - Renewable Energy Facility
(Hydrogen Production and Blending) and Utility Installation
(Gas Distribution)
Application ref: DA/25/2021**

Objection to DA/25/2021

I strongly object to the construction of the hydrogen park at the proposed facility in Derby Street South Gladstone. I propose that it be built at a location away from all residential living which includes South Gladstone primary School, Sport's fields used by children at the TAFE grounds.

Safety of residents is my main concern. In the event of an explosion or fire there is not a sufficient buffer zone to protect people or buildings from potential harm. Has a thorough risk analysis been carried out and if so why hasn't it been made available to the public?

Build the facility elsewhere away from a residential area. There is other land available such as the Aldoga Industrial estate. As a long term resident of South Gladstone I do not want to have industry nearby. There has been no consultation with residents living close to the proposed site.

Submitted by:

Dianne Marie Graham
237 Oaka Street
South Gladstone Q 4680

1 September 2021

49 Wilson Street,
Gladstone, QLD 4680
27 August, 2021.

SCANNED
TO RMU

GLADSTONE REGIONAL COUNCIL
Gladstone Office
Date: 01/09/2021
Time: 12:50 PM
Name: Karen

The Planning Manager,
Gladstone Regional Council,
PO Box 29
GLADSTONE QLD 4680

Dear Planning Manager,

**Material Change of Use - Impact - Renewable Energy Facility
(Hydrogen Production and Blending) and Utility Installation
(Gas Distribution)
Application ref: DA/25/2021**

This submission is in response to the recent notice published by Gladstone Regional Council shown as Appendix 1.

Background

This submission covers questions in relation to safety, town planning, and liveability for neighbours, and concludes that the project should not be approved on the bases of

1. The limited information available and
2. Very recent proposed developments that would render it unnecessary.

Preliminary Comment

The writer of these comments is not opposed in principle to the supplementation or replacement of existing fossil-based gas supplies with renewable powered hydrogen, and is in favour of the use of renewable energy to supplement / replace existing fossil based energy sources.

General Comment

The basic justification for this facility is abatement of atmospheric pollution by carbon dioxide, and yet overlooks opportunities for further abatement by reducing water consumption and reducing the energy consumption in producing industrial or medical oxygen. This seems to indicate only lip service to environmental improvement – the justification for the project.

The information disclosed in Development Submission DA/25/2021 gives the impression of a minimum-cost exercise, where even basic steps such as sealing the access road and properly attending to stormwater runoff have been consciously excluded. Sourcing of major components from China (see Noise Calculations) raises questions about the integrity of critical components such as electrolyzers, coolers, valves, pressure vessels and pipework. The common philosophy of “build it cheap and fix the defects later” is not acceptable in a facility such as this, which is proposed for installation close to a residential area.

Siting

The developer’s publicity material answers its own question of “Why Gladstone?” but does not address the issue of “Why Derby Street?” No reasoning is given for the placement of this facility

close to residences, public facilities, and a major road, when it would reasonably be expected to be sited in a properly serviced industrial precinct with minimal risk to public safety.

The more recent announcement of hydrogen injection into the gas supply at Rio Tinto Yarwun raises the question - "Why isn't a single facility at Yarwun installed for the whole Gladstone area, avoiding the need for a facility at Derby Street?"

Government documents and the Development Submission envisage future expansion of the project on this site. This application can be seen as "the thin end of the wedge", making later expansion proposals more difficult to reject.

Technical

There is insufficient information in the Development Submission to allow a reader to be satisfied that the proposed equipment has been fully identified and documented. This raises questions regarding noise generation. The only Process and Instrumentation Diagram (in the Noise Assessment) does not provide enough information to understand the process fully.

It is not clear whether hydrogen is -

- (a) produced at low pressure, and then compressed to the storage pressure,
- (b) produced at high pressure and then bled directly to the storage vessel,
- (c) or some other combination.

In any of the above cases, compressors, pumps, and pressure reducing valves seem to be missing. These components are potential noise sources and also sources of failure.

Safety

It is proposed to store up to 10 kg of H₂ gas in a 4000 litre storage vessel. This implies an operating pressure of up to 3300 kPa with hazard level B according to AS4343 – 2005. As this storage vessel is intended to cater for daily fluctuations in demand and generation, its service conditions will have a high cyclic fatigue component, potentially increasing the risk of failure compared to a static vessel. (This should be covered adequately in the initial design and construction, but no relevant information is provided.)

It is not clear that a proper safety assessment on the installation has been carried out, and whether the cost of the project will be increased by compliance with good safety practice. An application such as this should show evidence of HAZOP studies, detailed quantitative risk assessments, and sign-off by a Registered Professional Engineer of Queensland.

The proposal to dispense compressed hydrogen by road increases the risk to road users from interactions with more heavy vehicles, and from other safety incidents with poorly regulated road transport. Large scale transport of compressed hydrogen should be by rail or ship.

Noise

The noise assessment states that no background noise readings have been taken. The process relies on desktop estimates. Surely proper noise surveys can be conducted.

Lack of process information leads to lack of confidence in the noise assessment.

Environmental

The proposed plant uses evaporative cooling from the town water supply to control the temperature of the electrolyser. As Gladstone's water supply is currently at risk from droughts, this method of cooling seems to be irresponsible in the long term. Why was dry cooling not employed? Why was process heat not used to distil effluent brine to produce pure water for the process?

The by-product oxygen is vented from the plant. As this could be seen as a zero-cost item, why is it not being collected for use in industry? The purpose of this plant is for carbon abatement, and this opportunity to substitute for energy-intensive air separation seems to be ignored.

Has there been any investigation into use of the by-product hydrogen gas vented from the electro-chlorination plant at Gladstone Power Station?

Conclusion

Insufficient reasons and information have been provided to justify siting this hydrogen generation and gas injection facility in Derby Street, Gladstone. The narrow focus of the proposed development and ignoring of associated opportunities for greenhouse gas abatement indicate that this project needs to be re-evaluated in light of regional energy integration and of recent large-scale hydrogen enhancement proposals.

I conclude that the application should not be accepted or progressed in its current form.



M. G. Leinster

Malcolm Leinster F.I.E.Aust., C.P.Eng., R.P.E.Q.

Appendix A

Proposed Development

Make a submission from
13 August 2021 to 3 September 2021

Material Change of Use - Impact - Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

Where: Lot 43 SP 165451, Derby Street, SOUTH
GLADSTONE QLD 4680

On: Lot 43 SP 165451

Approval sought: Development Permit for a Material Change of Use
for a Renewable Energy Facility (Hydrogen
Production and Blending) and Utility Installation
(Gas Distribution)

Application ref: DA/25/2021

You may obtain a copy of the application and make a submission to:
Gladstone Regional Council

PO Box 29
GLADSTONE QLD 4680
Info@gladstone.qld.gov.au
(07) 4970 0700
www.gladstone.qld.gov.au

Public notification requirements are in accordance with the Planning Act 2016.

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<u>PERSON MAKING SUBMISSION</u>	
Name:	Mark Dennis
Residential Address:	5 John Dory Drive Gladstone 4680
Phone Number:	0400 060158
Email:	markdennis68@yahoo.com.au

GLADSTONE REGIONAL COUNCIL
Gladstone Office

Attention: Assessment Manager

Date:3/9/21.....

Time:14:02.....

Name:Romy.....

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:


1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
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4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
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Regards,

Signature:	
Name:	Mark Dennis
Date:	1/9/21
Email to:	Info@gladstone.qld.gov.au

To whom it may concern.

Mary + Barrie Scott

25 Ann St.

Gladstone

QLD

4680

We object to build a hydrogen production facility in derby st. as it is close to South Gladstone School + many safety concerns. should be built in the Aldoga industrial area

Regards.

M J Scott.

B. B. Scott

GLADSTONE REGIONAL COUNCIL
Gladstone Office

Date: 11/09/21

Time: 10:40 AM

Name: Karen

SCANNED
TO RNU

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PERSON MAKING SUBMISSION		
Name:	Mrs Pamela Penny	
Residential Address:	72 Adelaide St South Gladstone 4680	
Phone Number:	0417009447	
Email:	pampenny@bigpond.com	

Attention: Assessment Manager

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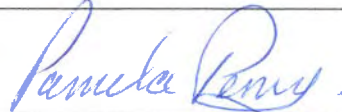
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Regards,

Signature:	
Name:	Pamela C Perry
Date:	1st September 2021
Email to:	Info@gladstone.qld.gov.au

RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021 	Date: 3-9-2021 Time: 9.00am Name: Kims
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PERSON MAKING SUBMISSION

Name:	M & P. WARD
Residential Address:	1 DUSTON PLACE STH GLADSTONE Q 4680
Phone Number:	49 1906 77
Email:	

Attention: Assessment Manager

To Whom it May Concern,

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Regards,

Signature:	
Name:	P.J. WARD
Date:	01-09-21
Email to:	Info@gladstone.qld.gov.au

1st September 2021

Assessment Manager
Gladstone Regional Council
PO Box 29
GLADSTONE QLD 4680

Dear Sir/Madam

Re: Material Change of Use – Impact- Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) – **Objection**
Development Application ref: DA/25/2021

I was shocked to learn of the current proposal for a hydrogen production facility to be built in Derby Street, South Gladstone. It saddens me to think that the Council would approve application by AGN to build this in a peaceful residential area and close to a large school. I repeat 'CLOSE TO A LARGE SCHOOL.'

My concern and reason for lodging this objection is the serious safety issue. If you go back some years, the powers-that-be resumed a large area in Targinnie/Aldoga area that was believed to be for industrial purposes. This is where the proposed facility should be located. Why would our Council now choose to approve application for it to be located in a residential area??

.....


James Harris
1 Beale Street, Gladstone Qld 4680

GLADSTONE REGIONAL COUNCIL
Gladstone Office

Date: Gladstone.....

Time: 1000 AM.....

Name: Karen.....

SCANNED
TO RMU

The Assessment Manager,
Gladstone Regional Council,
PO Box 29
GLADSTONE QLD 4680

SCANNED
TO RMU

Dear Manager,

**Material Change of Use - Impact - Renewable Energy Facility
(Hydrogen Production and Blending) and Utility Installation
(Gas Distribution)
Application ref: DA/25/2021**

Background

Hydrogen will play an important part in reducing future greenhouse gas production. Australian Gas Networks (AGN) is proposing to build a hydrogen production plant in Derby Street, opposite the TAFE college, and inject the hydrogen into the domestic gas reticulation system in Gladstone. The boundary of the proposed plant lease area will be about 130m from South Gladstone State School, across the road from the Little Athletics field at TAFE, and a similar distance to many private residences and the Council depot in the area.

Summary of Concerns

I object to the approval of DA/25/2021 on the following grounds:

1. The proposed hydrogen plant will present an unacceptable explosion risk, being in close proximity to a school and private residences. It will not be possible to eliminate this risk.
2. A likely increase in noise, both continuous and intermittent, will be unacceptable to nearby residents. The noise study relies on assumed background data and thus is fundamentally flawed.

The solution to both of these concerns is to locate hydrogen production facilities of any size at the Aldoga Industrial Estate, a safe distance from centres of population. This should become a matter of principle and policy with Gladstone Regional Council.

Explosion Risk

Hydrogen is a highly explosive gas. It has an explosive range of 4% - 74% in air, compared to natural gas/methane of 5% - 15%. Hydrogen also requires very low ignition energy compared to natural gas. The production of hydrogen in any quantity presents a potential explosion hazard. The boundary of the proposed Hydrogen Park Gladstone lease area will be about 130m from South Gladstone State School, across the road from the Little Athletics field at TAFE, and a similar distance to many private residences and the Council depot in the area. A hydrogen explosion at the facility would have two outcomes. The first will be a blast pressure wave which could shatter windows and burst eardrums. The second could be metal projectiles from failed equipment being launched towards populated areas. Even the slightest probability of these events occurring should deem the plant unsafe to operate in the proposed area, because the consequences could be fatal.

Australian Gas Networks (AGN) claims to have completed fire and dispersion modelling for the proposed plant, but no detail or summary of this work has been presented. Less than one page (Section 4.6) in the Planning Report is dedicated to "Hazard and Risk", the majority of which refers to construction standards.

At the minimum the following should have been conducted, and released to Council and the general public for scrutiny:

- HAZOP (Hazard and Operability) study
- Fire and explosion modelling report including projectile analysis
- Quantitative Risk Analysis (QRA) and/or Layer of Protection Analysis (LOPA)

AGN have explicitly stated their ambition to increase hydrogen supply to the network from an initial 10% to 100%. AGN also proposes to establish a vehicle hydrogen refuelling facility on the site. Both these developments will require larger hydrogen production and storage facilities, resulting in the explosion damage risk increasing exponentially.

AGN have stated that the proposed plant is "innovative", with reference to the use of a previously unproven technology combination. AGN have also stated that the plant will be normally unmanned (operated remotely) and will have the capacity to vent the full inventory of stored hydrogen in the event of equipment malfunction, therefore having a slow technician response time to any operational issues that may arise. Innovative design and unmanned operation will add another significant layer to an already potentially unacceptable risk profile.

It will be impossible to guarantee zero risk of explosion and consequential damage from the proposed plant. The only logical solution is to locate any hydrogen production facility, regardless of size, at Aldoga Industrial Estate, away from people and surrounded by an appropriate exclusion zone.

Noise

Noise is addressed in Section 4.4 of the Planning Assessment report, with a detailed report in Appendix H. The noise study relies on assumed background noise data, and thus is fundamentally flawed. Post-construction operational noise increase will be unquantifiable compared with pre-construction assumed background noise.

The Amenity Noise Criteria for Residential Receivers is set 3dBA above the background noise estimates. This represents a **doubling** of noise pressure at residential receptors.

More concerning, however, than an increase in background noise is intermittent noise from machinery operation and venting of gas at all hours. This area is already subject to heavy vehicle traffic on Derby Street, and vehicle, machinery and alarm noise from the Council depot in Lyons Street.

A further increase in noise, either background or intermittent, in this largely residential area will be unacceptable.

Submitted by:





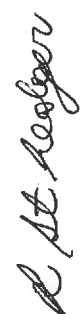

Gerard Alexander Graham
237 Oaka Street
South Gladstone Q 4680

1 September 2021







Attachment: List of people who are parties to this submission.

Material Change of Use - Impact - Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) Application ref: DA/25/2021



Name	Address	Signature	Date
Peter Richard Miles	Flat 1 233 Oaka Street Gladstone Qld 4680		29/08/2021
Suzanne Catherine Miles	Flat 1 233 Oaka Street Gladstone Qld 4680		29/08/2021
Daniel Beahan	236 Oaka St Gladstone		30/08/21
MARK REYNOLDS	228 OAKA ST SOUTH GLADSTONE		30/8/21
ROXAN STEDGER	224 OAKA ST SOUTH GLADSTONE		30/8/2021.
Anthony King	226 Oaka St Gladstone 4680		30/8/2021

Material Change of Use - Impact - Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) Application ref: DA/25/2021


Name	Address	Signature	Date
Mavis Forteous	231 Oak St Gladstone	M. S. Forteous	23.8.2021
Thomas Forteous	"	T. S. Forteous	"
NICHOLAS HINDS	14 Resolute St Clinton		15/4/20/08/21
Emma Hinds	"		30/8/21
MADONNA WINTERBOTTOM	235 OAKA ST SOUTH GLADSTONE		30/8/21.
Maddison Beahan	236 OAKA ST Gladstone		30/08/21.

Karen Shaw 236 OAKA ST Gladstone ~~Signature~~ 30/08/21
 Ashan

Material Change of Use - Impact - Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) Application ref: DA/25/2021

Name	Address	Signature	Date
BRIAN ST LEDGER	224 OAKA ST GLADSTONE		30.08.2021
Megan Hughes	9 TREE CLOSE CRES Cladstone 4680	MeganH	30/08/21
Nikita St-Ledger	224 Oaka Street Gladstone Q 4680	Neddy	30/08/21
Terry Stuib	224 Oaka Street Gladstone Q 4680		30/08/21

Material Change of Use - Impact - Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) Application ref: DA/25/2021

Name	Address	Signature	Date
GARY CHURCH	239 OAKA ST		31/8/21
WENDY CHURCH	239 OAKA ST GLIMSTONE	WEL	31/8/21

SCANNED
TO RMU

GLADSTONE REGIONAL COUNCIL
Gladstone Office

RE:	Objection to Development Application DA/25/2021	Date: 3-8-2021 Time: 12:42 Name: Kim S.
	<ul style="list-style-type: none">Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)Development Objection Period Dates 13 August 2021 to 3 September 2021	
<u>PERSON MAKING SUBMISSION</u>		
Name:	Belinda Davies	
Residential Address:	52 Adelaide Street South Gladstone Qld 4680	
Phone Number:	0418 185 012	
Email:	Rob_davies@bigpond.com	

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection however, according to all the information relating to this development, the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:


1. This area is proposed to be developed on a community facility zoned land. As per council code, this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community". With only 780 residents in Gladstone are on domestic gas service, I do not feel this qualifies as a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
2. The plant does not fit into the nearby residential buildings, school or TAFE / oval. Aesthetically the proposal outlines it will be hidden behind the trees, however the plant will be surrounded by industrial fencing.
3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep persons (including passing school children) out of the

facility. People should not be able to access the plant in any way, including being able to damage the plant.

4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in potential damage to the plant and risk of explosion
5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school or other educational facilities.
6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report, instead assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when traffic flow is markedly reduced...?
7. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.
8. Buried deep in the proposal around the land tenure is the following clause...

" Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Signature:	
Name:	Belinda Davies
Date:	02/09/2021
Email to:	Info@gladstone.qld.gov.au

RE:	Objection to Development Application DA/25/2021	Date: 3.9.2021 Time: 9.00am
	<ul style="list-style-type: none"> Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 Kims Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) Development Objection Period Dates 13 August 2021 to 3 September 2021 	Name:
PERSON MAKING SUBMISSION		
Name:	FRED and ANN GROAT	
Residential Address:	77 ADELAIDE ST. SOUTH GLADSTONE	
Phone Number:	0417 600 854 . 0419 670 911	
Email:	fredgroat@gmail.com anngroat@gmail.com	

Attention: Assessment Manager

To Whom it May Concern,

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2. The plant does not fit into the nearby residential buildings, school or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.
3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People

need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).

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Regards,

Signature:		
Name:	FRED GOAT	ANN GOAT
Date:	September 2nd 2021.	
Email to:	Info@gladstone.qld.gov.au	

* Additionally no stakeholders have been notified of this development other than those customers currently on gas - per Kristin Raman Director of Strategy and Innovation (AGIG) Therefore the Community Consultation portion of the Planning Act of 2016 has not been followed. 2 knocked over signs do not constitute notification. Great idea - wrong site! ap.

SCANNED
TO RMU

RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none">• Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680• Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)• Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	GREG HODOWANIEC
Residential Address:	56 SCENERY ST GLADSTONE 4680
Phone Number:	0428 747 188
Email:	N/A

GLADSTONE REGIONAL COUNCIL
Gladstone Office

Date: 3/9/21

Time: 14:02

Name: Ronny

Attention: Assessment Manager

To Whom it May Concern,

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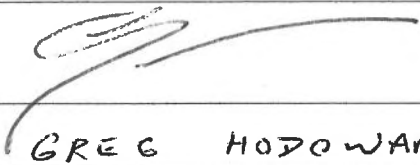
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Regards,

Signature:	
Name:	GREG HODORWANIEC
Date:	2/9/21
Email to:	Info@gladstone.qld.gov.au

SCANNED
TO RMU

GLADSTONE REGIONAL COUNCIL
Gladstone Office

Date: 3.8.2021

Time: 12.42pm

Name: Kim S

RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none">Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	Robert Davies
Residential Address:	52 Adelaide Street South Gladstone Qld 4680
Phone Number:	0408 762 378
Email:	Krambor@bigpond.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection however, according to all the information relating to this development, the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

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Regards,

Signature:	
Name:	Robert Davies
Date:	02/09/2021
Email to:	Info@gladstone.qld.gov.au

SCANNED
TO RMU

1st September, 2021

The Assessment Manager
Gladstone Regional Council
PO Box 29
GLADSTONE QLD 4680

GLADSTONE REGIONAL COUNCIL
Gladstone Office

Date: 2/9/21

Time: 10:34

Name: Romy

Dear Manager

Material Change of Use – Impact – Renewable Energy Facility
(Hydrogen Production and Blending) and Utility Installation (Gas Distribution)
Application ref: DA/25/2021

We live at 43 Ann Street, South Gladstone and were shocked to recently learn that Council is considering application from AGN who are planning to set up a hydrogen/gas distribution facility practically in our backyard. We have been residents in our current home for 50 years and to say this has come as a shock and disappointment is a huge understatement.

Our concerns and the reasons for our objection are:

1. From research we have done, we feel the proposed plant will present an unacceptable explosion risk to residents in the area and also to the South Gladstone State School that is located nearby. We know that hydrogen is a highly explosive gas and requires very low ignition energy compared to natural gas.
2. There will also be an increase in noise levels, background and intermittent.

We do hope that Gladstone Regional Council will reconsider this proposal.

Yours sincerely

.....
R Jackson

Ronald Jackson

.....
F Jackson

Fay Jackson

Address: 43 Ann Street, South Gladstone 4680

PHONE: 49722521
0417 633 190

EMAIL: ronfayjackson@bigpond.com

SCANNED
TO RMU

31st August 2021

GLADSTONE REGIONAL COUNCIL
Gladstone Office

Date: 31/8/21

Time: 11:44

Name: Romy

CEO
Gladstone Regional Council
PO Box 29
Gladstone Qld 4680
Attention: Development Assessment

Dear M/s Dowling

Properly Made Submission - Formal Objection
Development Application DA/25/2021
Development Permit for Material Change of Use Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

I formally lodge my objection to the above application and request that Council refuse the application on the following basis.

Site Suitability

The facility is proposed to be located at Lot 43 on SP165451, Derby Street South Gladstone. The site is zoned as Community Facilities under the Gladstone Regional Council Planning Scheme.



The Planning Scheme details the purpose of the community facilities zone as

1. *The purpose of the community facilities zone code is to:*

- a. *provide for community related activities and facilities whether under public or private ownership;*
- b. *ensure all communities have access to a range of community services and facilities which meet local needs; and*
- c. *locate higher order community facilities generally in the Gladstone urban area.*

A 'Renewable Energy Facility' and Utility Installation' are NOT community related activities or facilities. Council's own planning scheme details Community Facilities as being *municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social or cultural nature*. The renewability energy facility and utility installation are better suited to industrial zoned land.

The site adjoins residential uses. The surrounding area is predominantly residentially uses, with the TAFE college (CQ Uni Campus) and South Gladstone Primary School located nearby. The primary school was established in 1898 and has 350 students from prep to year six. The health and safety of these children, the teachers and the staff need to be a consideration in Council's assessment of the proposed industrial use.



Suitable use

renewable energy facility—

Premises used for the generation of electricity or energy from renewable (naturally reoccurring) sources

This definition does not actually reflect the use that will be on site. There is no energy being generated on site. The facility will use existing electricity from the Ergon network. The planning

report claims it will use renewable electricity via an Ergon connection. Gladstone is not a town with a high penetration of roof top solar so is far more likely that at this electricity will be produced by the COAL burning NRG Power Station. To claim this is renewable is dishonest. This is a MEDIUM INDUSTRIAL use.

Safety

Hydrogen used in fuel cells is a very flammable gas and can cause fire and explosions, yet a Bushfire Management Plan has not been included. The site adjoins bushland off Coon Street. If there was a fire or explosion at the site it could spread to this bushland and the homes that adjoin it, putting many lives at risk. Not to mention the impacts on the South Gladstone Primary School and its 350 students. The application highlights that no specific firefighting infrastructure is proposed within the facility.

The site will contain electrical infrastructure, hydrogen and gas. If this is an explosion or fire how will the electricity and gas infrastructure be impacted, specifically gas which is also highly flammable.

Stakeholder engagement

It can be seen in the report that little value has been given to the people of Gladstone. They were totally forgotten from the engagement process, with the developer only interested in the State, and Local Government. Is the community not a stakeholder in the development process anymore?

Environmental Issues

This application does not contain any assessment of the environmental impacts of hydrogen. AGN shows no commitment to community safety or transparency on the issues of environment impacts.

While hydrogen burns CO₂-free, its predominant production methods still use fossil fuels, including steam methane reforming from natural gas. This entails significant CO₂ emissions.

Hydrogen can be produced carbon-free by using excess renewable power – from wind or solar plants – to extract the gas from water via electrolysis. This site is using power generated from the Ergon network which is primarily from the coal burning NRG power station.

Conflict of interest

As the trustee of the site. The Gladstone City Council has consented to the lease of the site to AGN. By already agreeing to a 30-year lease Council has effectively approved the site for use without any consultation with the community. Council must address if fair and equitable planning rules are being followed as they assess the use, against the planning scheme.

To be clear Council as the trustee is leasing commonwealth land to a private company, without Ministerial approval. Perhaps AGN should invest in Gladstone by purchasing industrial zoned land and paying rates. Much of the funding for this project is coming from the State Government.

Furthermore, the planning application includes a photo of Minister Mick de Brenni, Assistant Minister Land McCallum and the GRC Mayor Matt Burnett on site. The Council and the State are bypassing proper process by assuming this is a done deal.

Figure 1-5: Hydrogen Minister Mick de Brenni joins Assistant Minister Lance McCallum, Gladstone Region Mayor Matt Burnett, CQU Vice-Chancellor and President Nick Klomp and AGN EGM Network Operations Mark Beech at the proposed HyP Gladstone site, January 2021



No doubt that if the application is refused or appealed the State Government will use their powers to call the project in, given they are funding it. The Council and the State Government have already decided that this proposal will go ahead by their lease deal and photo opportunity, they have shown no regard for the people of Gladstone. The people they are meant to be serving.

Kind Regards

Handwritten signature of Anthony Michael Sellers.

Anthony Michael Sellers

6 Walters Avenue

Gladstone 4680

31st August 2021

SCANNED
TO RMU

GLADSTONE REGIONAL COUNCIL
Gladstone Office

Date: 31/8/21

Time: 14:43

Name: Romy

CEO
Gladstone Regional Council
PO Box 29
Gladstone Qld 4680
Attention: Development Assessment

Dear M/s Dowling

Properly Made Submission - Formal Objection
Development Application DA/25/2021
Development Permit for Material Change of Use Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

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Hydrogen can be produced carbon-free by using excess renewable power – from wind or solar plants – to extract the gas from water via electrolysis. This site is using power generated from the Ergon network which is primarily from the coal burning NRG power station.

Conflict of interest

As the trustee of the site. The Gladstone City Council has consented to the lease of the site to AGN. By already agreeing to a 30-year lease Council has effectively approved the site for use without any consultation with the community. Council must address if fair and equitable planning rules are being followed as they assess the use, against the planning scheme.

To be clear Council as the trustee are leasing commonwealth land to a private company, without Ministerial approval. Perhaps AGN should invest in Gladstone by purchasing industrial zoned land and paying rates. Much of the funding for this project is coming from the State Government.

Furthermore, the planning application includes a photo of Minister Mick de Brenni, Assistant Minister Land McCallum and the GRC Mayor Matt Burnett on site. The Council and the State are bypassing proper process by assuming this is a done deal.

Figure 1-5: Hydrogen Minister Mick de Brannl joins Assistant Minister Lance McCallum, Gladstone Region Mayor Matt Burnett, CQU Vice-Chancellor and President Nick Klomp and AGN EGM Network Operations Mark Beech at the proposed HyP Gladstone site, January 2021



I request that Council contact me to discuss the application. I reserve my rights under the Planning Act 2017 as a properly made submitter to appeal this application in the Planning and Environment Court should it be approved.

No doubt that if the application is refused or appealed the State Government will use their powers to call the project in, given they are funding it. The Council and the State Government have already decided that this proposal will go ahead by their lease deal and photo opportunity, they have shown no regard for the people of Gladstone. The people they are meant to be serving.

Kind Regards

Gail Sellers

6 Walters Avenue

Gladstone 4680

To

ASSESSMENT MANAGER

SCANNED
TO RMU

GLADSTONE REGIONAL COUNCIL
Gladstone Office

Date: 31/8/21

Time: 16:40

Name: Romy

RE: Objection to Development Application
DA/25/2021

- Address
Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680
- Proposal
Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)
- Development Objection Period Dates
13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name:	IRENE DUDLEY.
Residential Address:	207 AUCKLAND STREET GLADSTONE 4680
Phone Number:	0414 996147
Email:	irenemaydudley@gmail.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:


1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
2. The plant does not fit into the nearby residential buildings, school or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.
3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People

need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).

4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.
6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?
7. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.
8. Buried deep in the proposal around the land tenure is the following clause...

" Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Signature:	
Name:	IRENE DUDLEY.
Date:	31/8/2021
Email to:	Info@gladstone.qld.gov.au

Attention: Assessment Manager
Gladstone Regional Council
PO Box 29
Gladstone, Qld. 4680

Subject: Submission
DA/25/2021

✓ Proposal Development Permit for
material change of use
✓ Renewable Energy Facility
(Hydrogen Production & Blending)
and Utility Installation (Gas Distribution)

Pamela F Brown
174 Oaka Street
Gladstone, QLD 4680



Written Submission

20th August 2021

From:

Pamela Brown

174 Oaka Street South Gladstone

Email: pambo1954@hotmail.com

Phone: 0439991768

Attention:

Gladstone Regional Council

Goondoon Street

Gladstone Queensland 4680

Nature of submission

Reference:

DA/25/2021

Proposal Development Permit for Material Change of use-

Renewable Energy Facility

(Hydrogen Production and Blending)

and Utility Installation (Gas Distribution)

Proponent: Australian Gas Networks, part of Australian Gas Infrastructure Group

Plan: \$4.2m Hydrogen Park Gladstone (Hyp Gladstone) facility on Derby Street, South Gladstone.

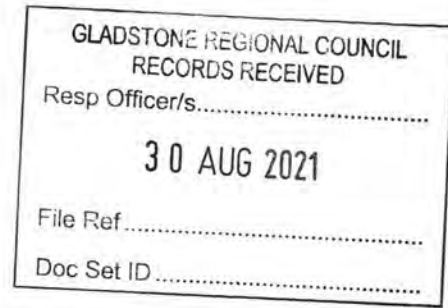
Reference:

GladstoneToday newspaper 12/08/21 p.1, 3

Gladstone Today Newspaper 19/08/21 p.1, 8, 15

p.8 "As for the facility's impact on the environment,

AGN stated in its development application to Council the proposed 37m by 30m site



had 'limited' vegetation.

Collectively , the trees and earth bund provide effective visual screening of the site from Derby Street and will be maintained post development".

Additionally,

AGN stated,

'Environmental noise modelling of the Hydrogen Facility and City Gate Station proposed for a site on Derby Street South Gladstone has demonstrated that with the inclusion of reasonable and feasible noise controls, the project can meet conservatively defined noise criteria at all potential noise affected sensitive receivers'.

Concerns:

AS longterm residents of South Gladstone, 38 years,

my husband and I wish to express the following concerns re the hydrogen plant:

We are not opposed to new technology, this plant locating in Gladstone,

but we object to its location next to medium density, well established housing (our house was built in 1953 and we have occupied it since 1983)

and next to a major primary school: South Gladstone Primary School

1. Location

*Medium density housing, well established since the 1950's

*a major primary school nearby

*there is a dedicated industrial site on the northern outskirts of Gladstone that was established by the State Government specifically for industrial development

* South Gladstone is NOT an industrial estate

2. Potential Impacts

*Emissions: Air pollution,

what will be the impact on Gladstone's airshed?

already impacted by QAL, Power Station

*Noise: any industrial plant emits noise

*Odour: this is a gas facility so odour is an issue

* explosive potential of production:

the process involves a gas production and gas is explosive

*traffic will the facility direct traffic offsite along Derby Street?

We already have the Gladstone Regional Council Lyons St Depot at the southern end of Oaka Street, and all council vehicles, trucks, loaders, poisonous spraying trucks, mowers, use Oaka Street at 7am and 4pm daily.

*Land values: how will this project, involving new and unknown technology in terms of impacts,

effect house and land values in the area?

In conclusion,

this plant is welcome to locate in Gladstone.

This town has always openly welcomed new industry.

This plant is not welcome in an established longterm residential area.

The mere fact that this development requires a change of land use application says it all,

this residential area of South Gladstone is exactly that, residential.

Industrial estates exist to the northern outskirts of Gladstone at Yarwun/Targinie, as developed years ago by the State Government.

The area houses an Alumina Refinery, Orica, a defunct Shale Oil project and there's plenty of land there as denoted by new proposals for a smelter and steel mill.

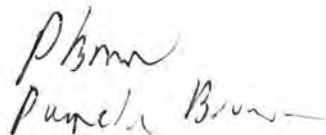
Let's keep Gladstone City safe and manage industrial development responsibly.

Yours Sincerely,

Pamela and Philip Brown

174 Oaka Street

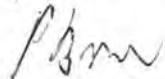
South Gladstone Queensland 4680

Handwritten signature of Pamela Brown in black ink.

Signatories:

Name: Pamela Brown

Address: 174 Oaker St Gladstone. Qld 4680

Signature: 

Name: Philip Brown

Address: 174 Oaker St Gladstone. Qld 4680

Signature: 

Name: Julie Knight

Address: 4 Dudley Street, Gladstone Qld 4680

Signature:

Name:

Address:

Signature:

Name:

Address:

Signature:

Name:

Address:

Signature:



AILSALORENZ



23rd August 2021

Submission on Proposed Development
Application Reference: DA/25/2021
Gladstone Regional Council
P.O. Box 29
GLADSTONE QLD 4680

Dear Councillors

Re: Application Reference: DA/25/2021

I wish to submit my objection to the proposed development at Lot 43 Derby Street, Gladstone on the following grounds.

The proposed development of this parcel of land is not aesthetically conducive to what is predominantly a residential area. There must be other places where this installation can be established so as not to impinge on an older suburban community.

There is a primary school in close proximity, and the parklands of Reg Tanna Park. While we are assured this facility is very safe, I do not think it is something that should be established so close to schools, children, residential areas and areas of recreation.

I appreciate the land we are talking about is vacant land, and those with influence are naturally desirous to develop it. Perhaps a less invasive development would be more in keeping with the community and be more readily accepted by those directly affected.

I know the suburb of South Gladstone very well. Many of the residents are elderly and have lived there for a very long time. They are quite upset and concerned that such a development so close to their homes will have an impact on their lives.

The project has gone this far with seemingly little public consultation and to this I take extreme umbrage. Like a bolt out of the blue, a flyer in the mail last week from the main players appeared to indicate that it was all systems go – everything had been decided upon, agreed to and embraced by the pertinent local authorities.

This entire issue needs to be collectively aired and discussed.

Yours faithfully

Ailsa Lorenz

31st August 2021



CEO
Gladstone Regional Council
PO Box 29
Gladstone Qld 4680
Attention: Development Assessment

GLADSTONE REGIONAL COUNCIL
Gladstone Office
Date: 1-9-21
Time: 4:05
Name: J Webb
.....

Dear M/s Dowling

Properly Made Submission - Formal Objection
Development Application DA/25/2021
Development Permit for Material Change of Use Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

I formally lodge my objection to the above application and request that Council refuse the application on the following basis.

Site Suitability

The facility is proposed to be located at Lot 43 on SP165451, Derby Street South Gladstone. The site is zoned as Community Facilities under the Gladstone Regional Council Planning Scheme.



The Planning Scheme details the purpose of the community facilities zone as

1. *The purpose of the community facilities zone code is to:*

CM

- a. *provide for community related activities and facilities whether under public or private ownership;*
- b. *ensure all communities have access to a range of community services and facilities which meet local needs; and*
- c. *locate higher order community facilities generally in the Gladstone urban area.*

A 'Renewable Energy Facility' and Utility Installation' are NOT community related activities or facilities. Council's own planning scheme details Community Facilities as being *municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social or cultural nature*. The renewability energy facility and utility installation are better suited to industrial zoned land.

The site adjoins residential uses. The surrounding area is predominantly residentially uses, with the TAFE college (CQ Uni Campus) and South Gladstone Primary School located nearby. The primary school was established in 1898 and has 350 students from prep to year six. The health and safety of these children, the teachers and the staff need to be a consideration in Council's assessment of the proposed industrial use.



Suitable use

renewable energy facility—

Premises used for the generation of electricity or energy from renewable (naturally reoccurring) sources

This definition does not actually reflect the use that will be on site. There is no energy being generated on site. The facility will use existing electricity from the Ergon network. The planning

report claims it will use renewable electricity via an Ergon connection. Gladstone is not a town with a high penetration of roof top solar so is far more likely that at this electricity will be produced by the COAL burning NRG Power Station. To claim this is renewable is dishonest. This is a MEDIUM INDUSTRIAL use.

Safety

Hydrogen used in fuel cells is a very flammable gas and can cause fire and explosions, yet a Bushfire Management Plan has not been included. The site adjoins bushland off Coon Street. If there was a fire or explosion at the site it could spread to this bushland and the homes that adjoin it, putting many lives at risk. Not to mention the impacts on the South Gladstone Primary School and its 350 students. The application highlights that no specific firefighting infrastructure is proposed within the facility.

The site will contain electrical infrastructure, hydrogen and gas. If this is an explosion or fire how will the electricity and gas infrastructure be impacted, specifically gas which is also highly flammable.

Stakeholder engagement

It can be seen in the report that little value has been given to the people of Gladstone. They were totally forgotten from the engagement process, with the developer only interested in the State, and Local Government. Is the community not a stakeholder in the development process anymore?

Environmental Issues

This application does not contain any assessment of the environmental impacts of hydrogen. AGN shows no commitment to community safety or transparency on the issues of environment impacts.

While hydrogen burns CO₂-free, its predominant production methods still use fossil fuels, including steam methane reforming from natural gas. This entails significant CO₂ emissions.

Hydrogen can be produced carbon-free by using excess renewable power – from wind or solar plants – to extract the gas from water via electrolysis. This site is using power generated from the Ergon network which is primarily from the coal burning NRG power station.

Conflict of interest

As the trustee of the site. The Gladstone City Council has consented to the lease of the site to AGN. By already agreeing to a 30-year lease Council has effectively approved the site for use without any consultation with the community. Council must address if fair and equitable planning rules are being followed as they assess the use, against the planning scheme.

To be clear Council as the trustee is leasing commonwealth land to a private company, without Ministerial approval. Perhaps AGN should invest in Gladstone by purchasing industrial zoned land and paying rates. Much of the funding for this project is coming from the State Government.

Furthermore, the planning application includes a photo of Minister Mick de Brenni, Assistant Minister Land McCallum and the GRC Mayor Matt Burnett on site. The Council and the State are bypassing proper process by assuming this is a done deal.

Figure 1-5: Hydrogen Minister Mick de Brenni joins Assistant Minister Lance McCallum, Gladstone Region Mayor Matt Burnett, CQU Vice-Chancellor and President Nick Klomp and AGN EGM Network Operations Mark Beech at the proposed HyP Gladstone site, January 2021



No doubt that if the application is refused or appealed the State Government will use their powers to call the project in, given they are funding it. The Council and the State Government have already decided that this proposal will go ahead by their lease deal and photo opportunity, they have shown no regard for the people of Gladstone. The people they are meant to be serving.

Kind Regards

CAMcMurtrie

Cheryl Ann McMurtrie

8 Saturn Crescent

Gladstone 4680

31st August 2021

GLADSTONE REGIONAL COUNCIL
03 SEP 2021
RECORDS RECEIVED

CEO
Gladstone Regional Council
PO Box 29
Gladstone Qld 4680
Attention: Development Assessment

GLADSTONE REGIONAL COUNCIL
Gladstone Office

Date: 1-9-21
Time: 4:05
Name: J Webb
.....

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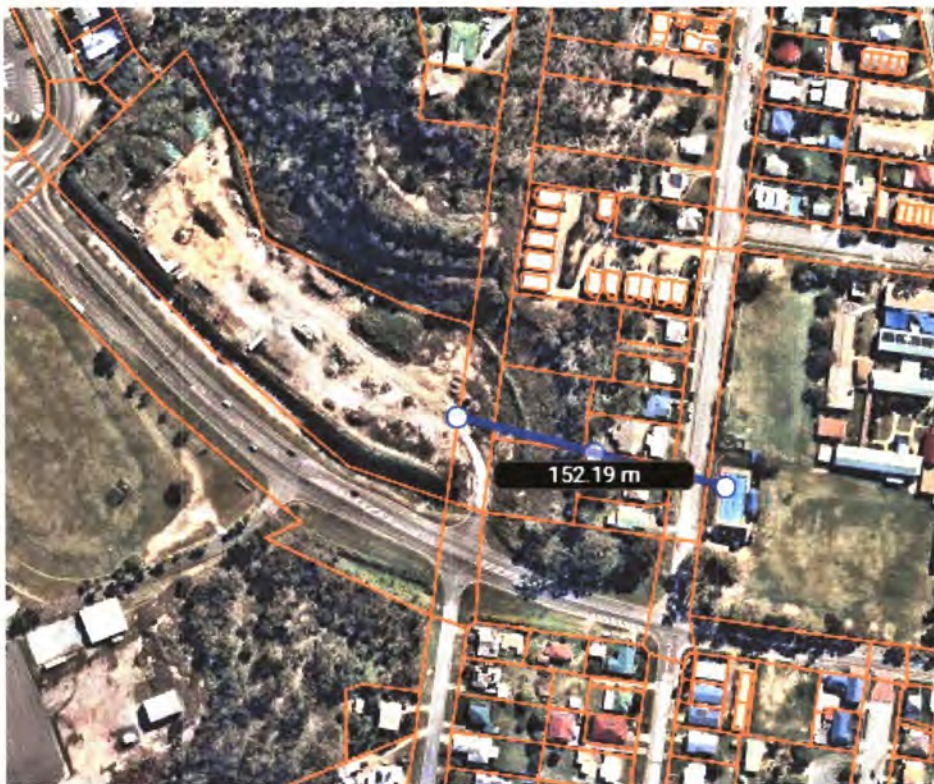
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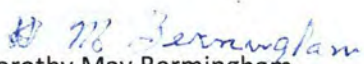
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Kind Regards


Dorothy May Bermingham

141 Off Street

Gladstone 4680

Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 8:58 AM
To: gabrielaw@hotmail.com
Subject: Hydrogen plant location objection

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards

Jessica Spurway
Records Management Officer
Finance Governance and Risk
Gladstone Regional Council
PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

-----Original Message-----

From: Gabriela Beatson <gabrielaw@hotmail.com>
Sent: Thursday, 2 September 2021 6:47 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Hydrogen plant location objection

To whom it may concern

I object to the suggested location for the new hydrogen plant on Derby st. Based on: common sense.

Please prioritise the community. Please VALUE human beings. Accepting a plant to be built in such proximity to schools and homes (when QAL and Rio Tinto have a Occupational Building Proposal to move all their employees out of a blast zone running at the moment) is money thinking.

Think about the worst possible scenario of having that plant in that location.

Thank you
Gabriela

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council’s website for more information

relating to Privacy <<http://www.gladstone.qld.gov.au/web/guest/privacy>> or Right to Information.
<<http://www.gladstone.qld.gov.au/right-to-information>>

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 7:55 AM
To: gjcannon7@gmail.com
Subject: I object to Hydrogen Park located on Derby Street.

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | [W www.gladstone.qld.gov.au](http://www.gladstone.qld.gov.au)

CONNECT. INNOVATE. DIVERSIFY.

From: gjcannon7 <gjcannon7@gmail.com>
Sent: Thursday, 2 September 2021 7:52 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: I object to Hydrogen Park located on Derby Street.

As a resident of South Gladstone please acknowledge my objection to the proposed Hydrogen Plant location. Derby Street is a residential area, the impacts of heavy vehicles will compromise the safety of children attending the nearby primary school. The vibration from the plant, particularly after work hours, will cause deterioration to the well-being of residents in South Gladstone. Gladstone has ample residential areas, eg. Blain Dr / Red Rover Road to facilitate the Hydrogen Plant.

Kind regards
Jo Cannon
South Gladstone

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to [Privacy](#) or [Right to Information](#).

Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 9:12 AM
To: lensmith@hotmail.net.au
Subject: Objection to Development Application as per below.

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Susan Smith <lensmith@hotmail.net.au>
Sent: Thursday, 2 September 2021 9:11 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to Development Application as per below.

RE: Objection to Development Application
DA/25/2021

• Address

Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) •

Development Objection Period Dates

13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Lenard Stephen Smith

Residential Address: 7 Mallard Court, South Gladstone. Qld. 4680

Phone Number: 0418 794 303

Email: lensmith@hotmail.net.au

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refuelling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code, this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
2. The plant does not fit into the nearby residential buildings, school, or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.
3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).
4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.
6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead, assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?
7. Please refer to the installation AGIG operates in Thornley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.
8. Buried deep in the proposal around the land tenure is the following clause... " Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Signature:
Len Smith
Name

Lenard Stephen Smith

Date: 1/9/2021

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Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 9:02 AM
To: jte060811@gmail.com
Subject: Objection to proposed Hydrogen Plant

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

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From: Paul Veach <jte060811@gmail.com>
Sent: Thursday, 2 September 2021 8:54 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to proposed Hydrogen Plant

Good morning

I wish to object to the building of the Hydrogen Plant in Derby Street for a number of reasons. Firstly, the location is totally unacceptable based on how volatile Hydrogen is, the fact that it is within 100m of some people's house and a school, its zoning has appeared to be changed or being built on incorrect zoning approved land.

I'm happy for the Plant to be built, however I'm sure there are far more suitable locations for this to be built in Gladstone rather than in a busy location close to schools, homes and sports fields.

Paul Veach
14 Oasis Court
South Gladstone

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Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 9:23 AM
To: suesmith8858@gmail.com
Subject: Objection to Development Application as per below.

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

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From: Sue Smith <suesmith8858@gmail.com>
Sent: Thursday, 2 September 2021 9:17 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Re: Objection to Development Application as per below.

RE: Objection to Development Application
DA/25/2021

• Address

Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) •

Development Objection Period Dates

13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Susan Elizabeth Smith

Residential Address: 7 Mallard Court, South Gladstone Qld 4680

Phone Number: 0407579598

Email: suesmith8858@gmail.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refuelling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code, this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
2. The plant does not fit into the nearby residential buildings, school, or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.
3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).
4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.
6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead, assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?
7. Please refer to the installation AGIG operates in Thornley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.
8. Buried deep in the proposal around the land tenure is the following clause... " Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Signature: S E Smith

Name Susan Elizabeth Smith

Date: 1/9/2021

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Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 3:52 PM
To: rotondofamily@icloud.com
Subject: Development Application Submission - Objection DA/25/2021

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

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From: Rotondo Rotondo <rotondofamily@icloud.com>
Sent: Friday, 3 September 2021 3:09 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Development Application Submission - Objection DA/25/2021

To whom it may concern,

The purpose of this email is to object to the development application DA/25/2021.

Address

Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680

Proposal

Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

We object to this land being used against its original planned purpose and to be used to construct the proposed facility.

We think there are much more suitable and safe areas in Gladstone for this type of plant that are zoned appropriately.

We believe that this plant would introduce increased risk to residents and schools nearby due to its nature handling gas.

We believe that the increased traffic to the plant would increase risk to residents and schools nearby, especially at school start and end times.

As residents living nearby we have not been notified or consulted about this change and possible impacts by having this plant close to our homes. We are concerned about its safety and environmental/aesthetic risks.

Submitters

Maria Rotondo - 11 Ann Street, Gladstone, 4680

Paolo Rotondo - 11 Ann Street, Gladstone, 4680

David Rotondo - 21 Paterson Street, Gladstone, 4680

Melissa Rotondo - 21 Paterson Street, Gladstone, 4680

Catherine Rotondo - 24 Charles Street, Gladstone, 4680

Vaughn Hannah - 24 Charles Street, Gladstone, 4680

Neville Collins - 9a Ann Street, Gladstone, 4680

Irene Collins - 9a Ann Street, Gladstone, 4680

Sent from my iPad

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Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 8:52 AM
To: lbuchholz@westnet.com.au
Subject: Objection to hydrogen plant

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

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From: Leanne <lbuchholz@westnet.com.au>
Sent: Wednesday, 1 September 2021 7:15 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to hydrogen plant

Thank you for the opportunity to submit my objection to the proposed location. I can be contacted on 0417727854 if you require further discussion.

Kind regards,
Leanne Buchholz

hholz

treet

IE QLD 4680

stone. They were totally
e State,
process anymore?

of hydrogen. AGN shows no

Sent from my iPhone

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Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 8:51 AM
To: buchholzjason@hotmail.com
Subject: Objection

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

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From: Jason Buchholz <buchholzjason@hotmail.com>
Sent: Wednesday, 1 September 2021 7:13 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection

edominant production methods still use fossil fuels, including steam
This entails significant CO₂ emissions.
e by using excess renewable power – from wind or solar plants – to extract
is site is using power generated from the Ergon network which is primarily
tion.

tone City Council has consented to the lease of the site to AGN. By
Council has effectively approved the site for use without any
Council must address if fair and equitable planning rules are being
inst the planning scheme.
re leasing commonwealth land to a private company, without Ministerial
st in Gladstone by purchasing industrial zoned land and paying
project is coming from the State Government.
ion includes a photo of Minister Mick de Brenni, Assistant Minister Land
Burnett on site. The Council and the State are bypassing proper process

Final Objection

2021

**Change of Use Renewable Energy Facility (Hydrogen Production
tion (Gas Distribution)**

above application and request that Council refuse the application on the

Sent from my iPhone

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Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 8:54 AM
To: sw7300@gmail.com
Subject: Hydrogen Park Derby Street Gladstone

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

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From: Sandra Walker <sw7300@gmail.com>
Sent: Wednesday, 1 September 2021 9:35 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Hydrogen Park Derby Street Gladstone

Good morning,

I would like to express my concerns regarding the Hydrogen Park being planned for the site on Derby Street, South Gladstone. I cannot believe that Council would even consider putting such a volatile product in a storage facility so close to homes and a school. While their website says only 10kg will be stored there, I'm quite certain that will only be a temporary measure until such time as it proves to be feasible and this will increase, they liken it to their Tonsley Hydrogen Park in SA which stores up to 40kg. When looking at that site it is in an Industrial Estate nowhere near houses much less a school. What on earth are you thinking!

I'm sure you will argue that all safety measures will be put in place to prevent a disaster but those same safety measures would have been in place with Chernobyl and now here we are with it 35 years on the nuclear reactor still smoldering away in the tomb built around it just waiting to explode again. Yes, Chernobyl was a nuclear plant, but the potential is still there with Hydrogen to cause a large explosion and fire with absolutely no protection to the residents around the area should that happen.

I am also extremely disappointed at how quietly this has been kept, I live 2km away and only found out about it tonight on 7 News when another nearby resident expressed his concerns about what is being built on all our doorsteps. I am a Natural Gas customer and reading the AGIG website they claim that Natural Gas users were informed by a letter drop, I'm still waiting for my letter to arrive, I'd have thought that living in such close proximity and being on Natural Gas that I

would be a candidate for the new blended gas. Their second claim to advising people was the local paper which I'm sorry I don't read in either printed form or subscribe to an online paper, their third was social media, to which I don't subscribe either. So what I'm reading into this is that unless I'm a person who lives constantly with a social media platform whether it be the newspaper subscription, Facebook or whatever platforms they choose to use I get told nothing.

I would like to finish by saying that I'm not against the Hydrogen Park itself, just the choice of location, there are large amounts of land available in the Yarwun/Targinnie precinct where many other companies carry out their business, put it there with those. If that is not feasible and it would need to be closer to suburbia put it in the Callemondah Industrial Precinct either of these areas in preference to Derby Street where should the day come when a disaster strikes it won't impact on local residents and a school full of young children.

I do hope that Council very seriously reconsiders this site decision before it's too late.

Yours sincerely,
Sandra Walker
6 Lakefield Court
South Gladstone

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Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 7:56 AM
To: 77alittle@gmail.com
Subject: Support for Hydrogen Plant DA/25/2021

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

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From: Alfie Little <77alittle@gmail.com>
Sent: Thursday, 2 September 2021 10:39 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Support for Hydrogen Plant DA/25/2021

Dear Council,

I am writing in support of the proposed Hydrogen demonstration plant on Derby St. I know many of my neighbours have concerns, but I would like to say I'm in support in general and am confident that the design and construction will be safe. I'm in favour because I believe this is a big part of our move to a renewables-based energy system and I work with hydrogen on a regular basis in my job.

If the development proceeds, I would however, like to see an improvement the aesthetics. The existing laydown area and surrounds are lacklustre in the least, and it's probably time that South Gladstone enjoyed some investment in this regard.

Apart from that, I'd like to know that the operation of the plant is going to be as quiet as possible, and that proper noise reduction, like the existing earthen bunds, are employed. Our estate is actually relatively quiet at night, so if that changes I would be disappointed.

If you have any feedback or news on the development I would like to be kept informed. I'm not on Facebook, so this email or post is preferable.

Regards,

Alfie Little
11 Oasis Ct, South Gladstone
0417756642

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Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 4:32 PM
To: anneblain@live.com
Subject: Submission re DA/25/2001 Hydrogen Plant DA in Derby St, Gladstone

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Anne Blain <anneblain@live.com>
Sent: Thursday, 2 September 2021 4:31 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Submission re DA/25/2001 Hydrogen Plant DA in Derby St, Gladstone

Submission re DA/25/2001 Hydrogen Plant DA in Derby St, Gladstone

To:
The Assessment Manager,
Gladstone Regional Council.

From:
Anne Blain,

24A Barney St,
South Gladstone, 4680.

Re: Development Application (DA/25/2021)
Hydrogen Plant, Derby St, Gladstone.

I wish to make a submission to the Gladstone Regional Council in regards to this Development Application.

I strongly object to this Hydrogen Plant being planned for this site on the following grounds:

1. The risk of explosion or fire (even if it is low)

This a residential area and there are many residences, a school and other community facilities in close proximity.

2. This land is designated for community purposes and not suitable for industrial production

While I wholeheartedly support clean energy alternatives being developed, this land is not zoned for industrial uses, nor is it suitable for industrial production.

3. There are ample industrial areas around the town where such developments should be constructed

The suggestion that an industrial plant of any nature being built and operated near the centre of our town in the inner suburbs is clearly misguided, illogical and irresponsible. There are designated areas within the Aldoga Industrial Zone (and others) which are much more suitable and safe.

Yours Sincerely,
Anne Blain

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Shaunte Farrington

From: Info (Mailbox)
Sent: Monday, 30 August 2021 8:01 AM
To: tieman.kathleen@gmail.com
Subject: Submission re DA/25/2001 Hydrogen Plant DA in Derby St, Gladstone

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards,



Hayley Keiler
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Kathleen Tieman <tieman.kathleen@gmail.com>
Sent: Sunday, 29 August 2021 8:19 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Submission re DA/25/2001 Hydrogen Plant DA in Derby St, Gladstone

To:
The Assessment Manager,
Gladstone Regional Council.

From:
Kathleen Tieman,
20 Ocean St,
Tannum Sands, 4680.

Re: Development Application (DA/25/2021)
Hydrogen Plant, Derby St, Gladstone.

I wish to make a submission to the Gladstone Regional Council in regards to this Development Application.

I strongly object to this Hydrogen Plant being planned for this site on the following grounds:

1. The risk of explosion or fire (even if it is deemed to be of relatively low risk) in this position:
 - This position is in the very heart of the city with South Gladstone State School on one side, TAFE college and oval which is used by Little Athletics and many schools during individual and combined Athletic's Carnivals
 - There are also many residences in close proximity.

While I wholeheartedly support clean energy alternatives being developed for our country, the suggestion that a plant of any nature being planned near the centre of our town is clearly misguided. There is a designated areas within the Aldoga Industrial zone which would allow adequate safety areas for such an event, if one occurs.

Yours Sincerely,
Kathleen Tieman.

Sent from my iPhone

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Shaunte Farrington

From: Info (Mailbox)
Sent: Monday, 30 August 2021 8:01 AM
To: kemanley@yahoo.com.au
Subject: Proposed development DA/25/2021 - objection submission

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards,



Hayley Keiler
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

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From: *~Kelly Manley~* <kemanley@yahoo.com.au>
Sent: Sunday, 29 August 2021 8:59 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Proposed development DA/25/2021 - objection submission

Good afternoon,

Please find below my objection to the proposed Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution City Gate Station) Lot 43 Derby Street South Gladstone Qld 4680.

My details:

Kelly Manley
10 Buller Street
South Gladstone 4680
Phone: 0417196669

Reason for my objection to this proposed development:

- Lack of community consultation and transparency on the proposed development. As a rate payer and home owner who lives 300 metres from this site, I have received no notification other than noticing a sign at the site.
- Lack of sharing of information to residents in the immediate area about the environmental impact - the impact of carbon emissions, carbon capture and water consumption associated with a large scale hydrogen plant in this location.
- Increased traffic flow in a school zone and residential area, in particular the use of heavy vehicles for the purpose of distribution. As a parent who crosses Derby Street multiple times every day, I am well aware of the large number of heavy vehicles currently using this road. I do not want to see an increase in this due to safety concerns of the children and community members who also use the road.

- Safety concerns - I have three children, two of whom attend Gladstone South State School. This proposed site is 200 metres from the school. I would like to be informed of the risk of fire/explosion/emissions around the production and distribution and how effectively this will be managed with current regulations and standards. Given the availability of alternative sites around the Gladstone region, I am interested in why this site has been selected as potentially suitable so close to a school of 350 children.
- Impact on future rates - as a rate payer, I need to know how the increased water consumption will impact on residents. Residents in regions close by have seen a huge increase in rates to cover a desalination plant, something often associated with hydrogen production plants.

Should a community consultative committee be developed to further explore this development, I would be very interested to be involved. Should you wish to provide information, facts and/or data on above information about this specific site development, I would also welcome this.

Kind regards,
Kelly Manley

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Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 3:54 PM
To: andrea1515am1@gmail.com
Subject: Objection to Development Application DA/25/2021

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Andrea Maddison <andrea1515am1@gmail.com>
Sent: Friday, 3 September 2021 3:39 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to Development Application DA/25/2021

Objection to Development Application
DA/25/2021

- Address
Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680
- Proposal
Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)
- Development Objection Period Dates
13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Andrea Maddison

Residential Address: 6 Oasis Court, South Gladstone QLD 4680

Phone Number: 0414415882

Email: andrea1515am1@gmail.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.

2. The plant does not fit into the nearby residential buildings, school or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.

3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).

4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).

5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.

6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?

7. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.

8. Buried deep in the proposal around the land tenure is the following clause...

" Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE

PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes of the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Andrea Maddison

3 September 2021

Email to: Info@gladstone.qld.gov.au

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Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 12:00 PM
To: anthony@oldsteel.com.au
Subject: Objection to Development Application DA/25/2021

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Anthony Old <anthony@oldsteel.com.au>
Sent: Friday, 3 September 2021 11:38 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: RE: Objection to Development Application DA/25/2021

RE: Objection to Development Application
DA/25/2021

- Address

Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680

- Proposal

Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

- Development Objection Period Dates

13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Anthony Old

Residential Address: 3 Mallard Court Gladstone

Phone Number: 0427 422499

Email: anthony@oldsteel.com.au

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
 2. The plant does not fit into the nearby residential buildings, school or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.
 3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).
 4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
 5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.
 6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?
 7. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.
 8. Buried deep in the proposal around the land tenure is the following clause...
" Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"
- Regards,

Anthony Old

03/9/2021

Regards

Anthony Old
Registered Builder QBCC# 42165

P: 0427 422 499

M: Po Box 8196 Gladstone 4680.

A: 3 Hixon st Gladstone 4680.



Property Solutions

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Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 1:29 PM
To: Planning (Mailbox)
Subject: FW: Objection to Development Application DA/25/2021

Please find below email received. Please note, this has not been registered in ECM.

If this email does not relate to your Department, please advise the Records Team.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Info (Mailbox) <info@gladstone.qld.gov.au>
Sent: Friday, 3 September 2021 1:29 PM
To: brettrobinson92@outlook.com
Subject: Objection to Development Application DA/25/2021

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards

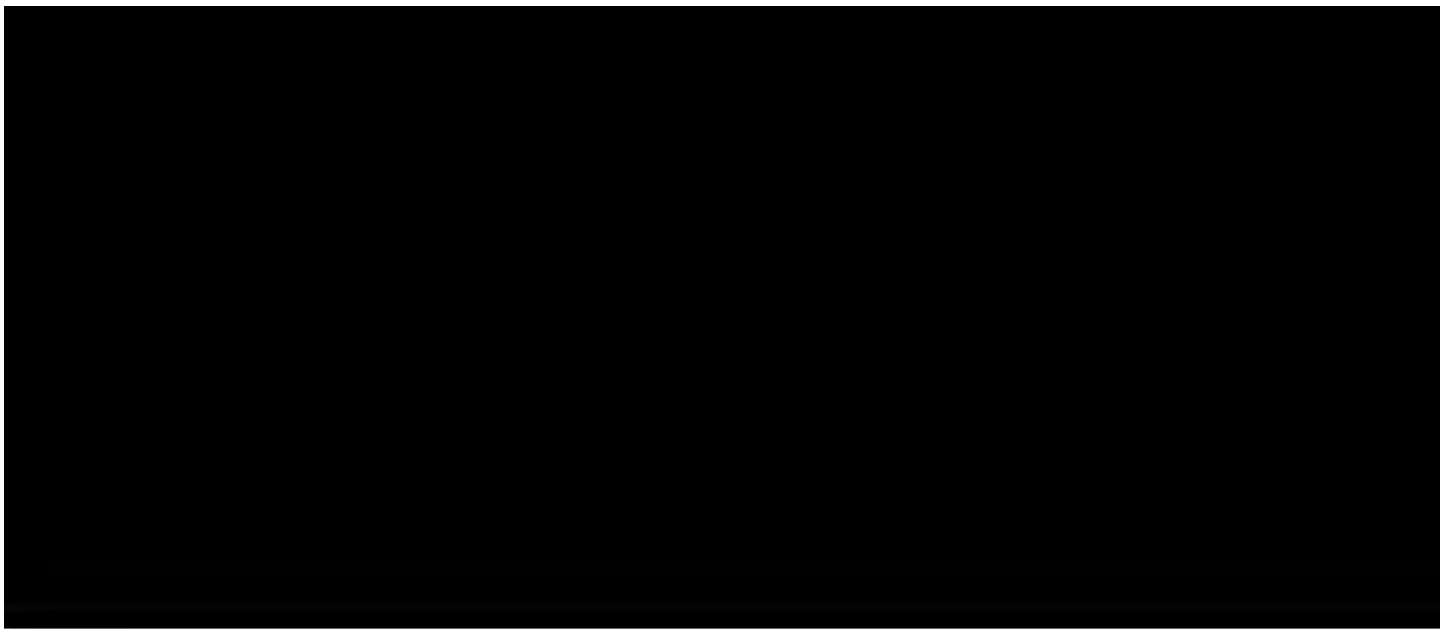


Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Brett Robinson <brettrobinson92@outlook.com>
Sent: Friday, 3 September 2021 12:56 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Re: Objection to Development Application DA/25/2021



RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none">• Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680• Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)• Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	Brett Robinson
Residential Address:	12 Oasis Court
Phone Number:	0411 286 061
Email:	Brettrobinson92@outlook.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating

of land is not suitable for heavy vehicle turning off Derby Street and creates a lot of dust for residents of Catalina Heights surrounds. Council are custodians of this land and are in contravention of their own zoning plan. How can they be trusted to objectively review the DA for a Hydrogen plant on similar land they are custodians of?

4. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
5. The plant does not fit into the nearby residential buildings, school or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.
6. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CB delinquents 100 % safe. People should not be able to access the plant in any way. People need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).
7. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to

under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Signature:	Brett Robinson	Digitally signed by Brett Robinson Date: 2021.09.03 10:33:42 +1000'
Name:	Brett Robinson	
Date:	3/9/2021	
Email to:	info@gladstone.qld.gov.au	

Sent from my iPhone

On 3 Sep 2021, at 11:11 am, Info (Mailbox) <info@gladstone.qld.gov.au> wrote:

Good morning Brett,

Thanks for your email regarding your objection to Development Application DA/25/2021.

I am having difficulty opening the attached PDF, would be able to resend the document or attach a screenshot? I will then forward on to the correct department.

Cheers

<image001.jpg>

Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4975 8428 | W www.gladstone.qld.gov.au

<image002.jpg>

From: Brett Robinson <brettrobinson92@outlook.com>
Sent: Friday, 3 September 2021 10:45 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to Development Application DA/25/2021

Sent from my iPhone

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<Ojection to DA_25_2021 Hydrogen Plant.pdf>

Shaunte Farrington

From: Info (Mailbox)
Sent: Monday, 6 September 2021 8:04 AM
To: cditchfield@kennypartners.com.au
Subject: Objection to Development Application DA/25/2021

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards

Jessica Spurway
Records Management Officer
Finance Governance and Risk
Gladstone Regional Council
PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

-----Original Message-----

From: Cassandra Ditchfield <cditchfield@kennypartners.com.au>
Sent: Friday, 3 September 2021 5:11 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to Development Application DA/25/2021

To Whom it May Concern,

I write to object to the above mentioned development proposal. My concerns are as follows:

1. The proposed development has real potential to create excessive noise, light, dust and odour pollution. This is true for both the construction and the operating phases of the development. No accurate measurement of these issues is possible without construction/operation actually commencing.
2. The development will create extra traffic in an already relatively high traffic area during peak hours. While the original plans are for local distribution only, the application makes it clear that export is considered in the future and this will no doubt further increase traffic. This is of particular concern given that a local primary school is situated mere metres from the site on the same road.
3. The highly volatile substance to be produced is clearly one which is much more appropriately kept in an industrial area, in order to minimise the risk to residents in the event of a plant emergency.
4. Aesthetically, the proposed development will not be in keeping with the residential area in which the site is located. The fencing described in the application would appear to be similar to prison fencing.

5. The impact upon home owners in the area close to the site will clearly be significant. The market value of those properties close to the site will plummet, both during construction and once the plant is operating. This is not acceptable to your rate payers and should not be to Council either.

Given the land available in the region which is located in industrial areas, there is no possible justification for the plant to get constructed in the middle of South Gladstone between a primary school and a higher education facility. Please protect your residents from the above mentioned unnecessary impacts.

Kind Regards,

Cassandra Ditchfield
4 Oasis Court,
South Gladstone Q 4680
Ph: 0448 065 201

Sent from my iPhone

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Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 9:09 AM
To: chrisblain@outlook.com
Subject: Submission re DA/25/2001 Hydrogen Plant DA in Derby St, Gladstone

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Chris Blain <chrisblain@outlook.com>
Sent: Friday, 3 September 2021 9:00 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Submission re DA/25/2001 Hydrogen Plant DA in Derby St, Gladstone

Submission re DA/25/2001 Hydrogen Plant DA in Derby St, Gladstone

To:
The Assessment Manager,
Gladstone Regional Council.
info@gladstone.qld.gov.au

From:
Chris Blain

11/214 Oaka St
South Gladstone, 4680.

Re: Development Application (DA/25/2021)
Hydrogen Plant, Derby St, Gladstone.

I wish to make a submission to the Gladstone Regional Council in regards to this Development Application.

I strongly object to this Hydrogen Plant being planned for this site on the following grounds:

1. The risk of explosion or fire (even if it is low)

This a residential area and there are many residences, a school and other community facilities in close proximity.

2. This land is designated for community purposes and not suitable for industrial production

While I wholeheartedly support clean energy alternatives being developed, this land is not zoned for industrial uses, nor is it suitable for industrial production.

3. There are ample industrial areas around the town where such developments should be constructed

The suggestion that an industrial plant of any nature being built and operated near the centre of our town in the inner suburbs is clearly misguided, illogical and irresponsible. There are designated areas within the Aldoga Industrial Zone (and others) which are much more suitable and safe.

4. There appears to be the potential in the DA for the initial proposal to be significantly expanded, making the proposal even more unsuitable.

Some proponents argue that it is only a small development but the DA appears to embrace the notion of future expansion making the location even more unsuitable. This is a residential/community area, not an industrial one.

5. Lack of Public consultation and community information

There appears to have been very limited community consultation. My home is 200m from the proposed site and I only first heard about it less than a week ago.

Nearby residents and other community residents have the right to a fair and proper consultation and information process.

Yours Sincerely,
Chris Blain

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Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 9:26 AM
To: esnagy@bigpond.com
Subject: Objection to Council regarding the Hydrogen Park

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Susan and Ernie Nagy <esnagy@bigpond.com>
Sent: Friday, 3 September 2021 9:25 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to Council regarding the Hydrogen Park

Please Just find another location, within our many and varied industrial zoned land options with less risk to our community.

We: - Object to increased traffic so close to school.

- Object to building industrial projects in residential areas.
- Object to building these projects so close to schools.
- Object to re-zoning this Community Facility Land for Industry.
- Object to the fact that there was no community consultation.

Ernie and Susan Nagy
6 Larcom Rise
Gladstone

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facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to [Privacy](#) or [Right to Information](#).

Shaunte Farrington

From: Kim Collis
Sent: Monday, 23 August 2021 8:26 AM
To: Planning (Mailbox)
Subject: FW: Hydrogen Plant

For your action and response

Regards,



Kim Collis
Customer Solutions Officer
Customer Experience

PO Box 29 Gladstone Qld 4680
P (07) 4977 7645 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Info (Mailbox) <info@gladstone.qld.gov.au>
Sent: Thursday, 19 August 2021 1:43 PM
To: fredjudy@bigpond.com
Subject: FW: Hydrogen Plant

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Shelley Edwards
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

-----Original Message-----

From: Fred&Judy <fredjudy@bigpond.com>
Sent: Thursday, 19 August 2021 1:11 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Hydrogen Plant

Dear Sir/madam

RE PREPOSED HYDROGEN PLANT IN DERBY STREET.

It is my opinion to carry out the above development in the centre of this city is irresponsible.

For years you have been trying to force industry out of town. Now you want to allow the building of this plant within a couple of hundred metres of high quality homes. Also not much further to a primary school. There is plenty of suitable land at the northern end of Hansen Road.

I assume the chosen block is close as they can get to the water treatment plant. However it is our town and we do not want more industry in the town area. Everyone is all for industrial development but in the proper place and Derby Street is not one of those. We accept the council yards because they have been there many years and does not pollute above an acceptable level.

I look forward to your response.

Fred Bowyer

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to [Privacy](#) or [Right to Information](#).

Shaunte Farrington

From: Sean Toth
Sent: Wednesday, 25 August 2021 8:25 AM
To: Planning (Mailbox)
Subject: Email received via Customer Solutions. ECM DSI 5080191

Good Morning,

Please find below a copy of an email received via Customer Solutions today relating to an objection for the Hydrogen plant, Derby St, South Gladstone for your action.

Regards,



Sean Toth

Customer Solutions Officer
Customer Experience

PO Box 29 Gladstone Qld 4680

P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Info (Mailbox) <info@gladstone.qld.gov.au>
Sent: Monday, 23 August 2021 8:05 AM
To: jansonengineering@bigpond.com
Subject: Hydrogen Production & Blending

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway

Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680

P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Janson Engineering <jansonengineering@bigpond.com>
Sent: Friday, 20 August 2021 4:44 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Hydrogen Production & Blending

20th August 2021

To whom it may concern,

I would like to formally lodge my objection to the construction of a Hydrogen & Blending plant On Lot 43 Derby Street, South Gladstone (*Lot 43 SP165451*), for the following reasons.

- Proximity to large primary school.
- Proximity to residential development
- Proximity to busy roadway, with a lot of heavy vehicle traffic

Currently on any given day children, the elderly, dog walkers and people just wanting to keep fit can travel with reasonable safety along the foot path of the proposed Hydrogen plant.

Traffic is already at a premium at school drop-off and pick-up times, and further traffic congestion would make it very unsafe for all concerned.

Derby Street is also a popular street for secondary school students commuting to and from Toolooa and State High – their safety should not be jeopardized.

It appears to me that this project has been steamrolled to the public without too much prior consultation.

Regards

Paul Janson

M D Q V R Q # H Q J I Q H H U I Q J

Marine and General Engineering Specialists.
31 Chapple Street, Gladstone Q 4680
Ph: 07 49726326 Fax: 07 49720065
Mob: 0409 726 326
email: jansonengineering@bigpond.com

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to [Privacy](#) or [Right to Information](#).

Shaunte Farrington

From: Info (Mailbox)
Sent: Tuesday, 31 August 2021 8:09 AM
To: gallery@thebluemirror.com.au
Subject: Submission re DA-25-2001 Hydrogen Plant DA in Derby St, Gladstone

Follow Up Flag: Follow up
Flag Status: Flagged

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries

Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680

P 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: The Blue Mirror Gallery <gallery@thebluemirror.com.au>
Sent: Monday, 30 August 2021 5:18 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Submission re DA-25-2001 Hydrogen Plant DA in Derby St, Gladstone

To:
The Assessment Manager
Gladstone Regional Council

From:
Helen Holden
10 Ocean Park Court, Barney Point, Gladstone, Qld, 4680

Re: Development Application (DA-25-2021)
Hydrogen Plant, Derby St, Gladstone, 4680

I wish to make a submission to the Gladstone Regional Council in regards to this Development Application.

I strongly object to this Hydrogen Plant being planned for this site on the following grounds:

1. The risk of explosion or fire (even if it is deemed to be of relatively low risk) in this position:
2. This position is in the very heart of the city with South Gladstone State School on one side, TAFE college and oval which is used by Little Athletics and many schools during individual and combined Athletics' carnivals
3. There are also many residences in close proximity.

While I wholeheartedly support clean energy alternatives being developed for our country, the suggestion that a plant of any nature being planned near the centre of our town is clearly misguided. There are designated areas within the Aldoga Industrial zone which would allow adequate safety areas for such an event, if one occurs.

Yours faithfully
Helen Holden

Shaunte Farrington

From: Info (Mailbox)
Sent: Monday, 30 August 2021 8:15 AM
To: jefhel12@bigpond.com
Subject: Hydrogen Plant

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards,

Hayley Keiler
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

-----Original Message-----

From: Jeffrey Reeves <jefhel12@bigpond.com>
Sent: Monday, 30 August 2021 8:10 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Hydrogen Plant

Dear Councillors,

I wish to oppose the building of the HyP Gladstone production facility at the proposed South Gladstone site on environmental grounds, Sincerely, Helen Reeves

Sent from my iPad

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to Privacy <<http://www.gladstone.qld.gov.au/web/guest/privacy>> or Right to Information. <<http://www.gladstone.qld.gov.au/right-to-information>>

Shaunte Farrington

From: Info (Mailbox) <info@gladstone.qld.gov.au>
Sent: Monday, 30 August 2021 4:54 PM
To: tireve@hotmail.com
Subject: Hydrogen plant submission

Follow Up Flag: Follow up
Flag Status: Flagged

Categories: Jakob

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: jan everitt <tireve@hotmail.com>
Sent: Monday, 30 August 2021 4:20 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Hydrogen plant submission

To:
The Assessment Manager,
Gladstone Regional Council.

From:
Janette Everitt
13 CottonSt,

Barney Point 4680.

Re: Development Application (DA/25/2021)
Hydrogen Plant, Derby St, Gladstone.

I wish to make a submission to the Gladstone Regional Council in regards to this Development Application.

I strongly object to this Hydrogen Plant being planned for this site on the following grounds:

1. The risk of explosion or fire (even if it is deemed to be of relatively low risk) in this position:
 - This position is in the very heart of the city with South Gladstone State School on one side, TAFE college and oval which is used by Little Athletics and many schools during individual and combined Athletic's Carnivals
 - There are also many residences in close proximity.

While I wholeheartedly support clean energy alternatives being developed for our country, the suggestion that a plant of any nature being planned near the centre of our town is clearly misguided. There is a designated areas within the Aldoga Industrial zone which would allow adequate safety areas for such an event, if one occurs.

Yours Sincerely,

Janette Everitt

Shaunte Farrington

From: Info (Mailbox)
Sent: Wednesday, 1 September 2021 8:11 AM
To: imogene.england@gmail.com
Subject: Objection to Development Application DA/25/2021

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Imogene <imogene.england@gmail.com>
Sent: Tuesday, 31 August 2021 7:30 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to Development Application DA/25/2021

RE: Objection to Development Application
DA/25/2021

- Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680
- Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)
- Development Objection Period Dates
13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Imogene England

Residential Address: 3 Cormorant Close, Gladstone

Phone Number: 0435 482 028

[Email: imogene.england@gmail.com](mailto:imogene.england@gmail.com)

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
2. The plant does not fit into the nearby residential buildings, school or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.
3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).
4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.
6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?
7. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.
8. Buried deep in the proposal around the land tenure is the following clause...
" Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Signature: IE

Name: Imogene England

Date: 31/08/2021

Email to: Info@gladstone.qld.gov.au

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Shaunte Farrington

From: Info (Mailbox)
Sent: Tuesday, 31 August 2021 12:24 PM
To: lbuchholz@westnet.com.au
Subject: Objection to location of hydrogen plant

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards

Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

-----Original Message-----

From: Leanne <lbuchholz@westnet.com.au>
Sent: Tuesday, 31 August 2021 12:10 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to location of hydrogen plant

RE: Objection to Development Application
DA/25/2021

• Address

Lot 42 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) •

Development Objection Period Dates
13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Leanne Buchholz

Residential Address: 19 Walsh Street, Gladstone. QLD. 4680

Phone Number: 0417 727 854

Email: lbuchholz@westnet.com.au

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community."

Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.

2. The plant does not fit into the nearby residential buildings, school or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.

3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).

4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).

5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.

6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?

7. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.

8. Buried deep in the proposal around the land tenure is the following clause... " Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Signature: L.Buchholz

Name: Leanne Buchholz

Date: 31 August, 2021

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Shaunte Farrington

From: Info (Mailbox)
Sent: Wednesday, 1 September 2021 8:12 AM
To: minxyprudence@gmail.com
Subject: Development Application DA/25/2021

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Leeah Murphy <minxyprudence@gmail.com>
Sent: Tuesday, 31 August 2021 8:06 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Development Application DA/25/2021

RE: Objection to Development Application
DA/25/2021

- Address
Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680

- Proposal
Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

- Development Objection Period Dates
13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Leeah Murphy

Residential Address: 5 Daydream Drive, Clinton

Phone Number: 0474486374

Email: minxyprudence@gmail.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
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Regards,

Signature: LMurphy

Name: Leeah Murphy

Date:31st August 2021

Email to: Info@gladstone.qld.gov.au

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Shaunte Farrington

From: Info (Mailbox)
Sent: Wednesday, 1 September 2021 8:11 AM
To: mjengland83@gmail.com
Subject: Objection to Development Application DA/25/2021

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Michael England <mjengland83@gmail.com>
Sent: Tuesday, 31 August 2021 7:32 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Fwd: Objection to Development Application DA/25/2021

RE: Objection to Development Application
DA/25/2021

- Address
Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680

- Proposal
Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

- Development Objection Period Dates
13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Michael England

Residential Address: 3 Cormorant Close, Gladstone, Qld 4680

Phone Number: 0431307817

Email: mjengland83@gmail.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
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4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.
6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?
7. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.
8. Buried deep in the proposal around the land tenure is the following clause...
" Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Signature: M.England

Name: Michael England

Date: 31/08/2021

Email to: Info@gladstone.qld.gov.au

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Shaunte Farrington

From: Info (Mailbox)
Sent: Monday, 30 August 2021 8:00 AM
To: tarquam.robinson@gmail.com
Subject: Proposed hydrogen plant DA/25/2021

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards,



Hayley Keiler
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

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From: Tarquam Robinson <tarquam.robinson@gmail.com>
Sent: Sunday, 29 August 2021 1:08 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Proposed hydrogen plant DA/25/2021

To whom it may concern,

This email is to voice my families concern of the proposed hydrogen facility on Derby street in south Gladstone.

My family and I are located at 14 Sanctuary Place and object the proposal as this facility is unsafe to be located so close to residential properties and Gladstone South State school.

Instead, it should be out of town in the Aldoga industrial area.

Regards,

Tarquam and Shantelle Robinson

--
Tarquam Robinson

0437832754

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Shaunte Farrington

From: Info (Mailbox)
Sent: Monday, 30 August 2021 12:56 PM
To: jeffreynelsen@bigpond.com
Subject: CONSTRUCTION OF HYDROGEN PRODUCTION FACILITY

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards,

Hayley Keiler
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

-----Original Message-----

From: Jeff Neilsen <jeffreynelsen@bigpond.com>
Sent: Monday, 30 August 2021 12:55 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: CONSTRUCTION OF HYDROGEN PRODUCTION FACILITY

To The Mayor,

My name is Jeff NEILSEN, I live at 8 Roberts St South Gladstone, I am appalled at the fact that you are considering allowing the construction of the Hydrogen Production Facility within a populated area in close proximity to South Gladstone School, The TAFE Facility and residential areas like my own.

This is NOT an industrial area, even if your council had deemed it to be for the purposes of letting this facility be built, I oppose it, my Wife opposes it and at the next election we will be voting for a sane replacement to yourself and the council who even considered this to be a GOOD idea.

Please move the Facility in question to a truly Industrial area away from residences to an area like Aldoga or some similar area which doesn't put your constituents in possible danger no matter how minute that danger looks on paper.

I have worked in many of the industrial facilities in this city and know of many incidents where mistakes were made, I was an Ambulance Officer and attended many ACCIDENTS at these facilities, accidents happen where people are involved.

Thank you for your time,
Respectfully
Jeff Neilsen

Sent from Jeff's iPad
jeffreyneilsen@bigpond.com

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Shaunte Farrington

From: Info (Mailbox)
Sent: Monday, 30 August 2021 8:53 AM
To: cpte@bigpond.com
Subject: Hydrogen Plant

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards,

Hayley Keiler
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

-----Original Message-----

From: Carol Peatey <cpte@bigpond.com>
Sent: Monday, 30 August 2021 8:27 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Hydrogen Plant

Dear Councillors,

As Gladstone residents and rate payers for many years we highly object to the building of a hydrogen plant in Derby Street. There is a state primary school within 200 metres putting our young children in danger. It is a high residential area. And also the environmental issues that could arise.

Regards Carol and Ken Peatey.

Sent from my iPad

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relating to Privacy <<http://www.gladstone.qld.gov.au/web/guest/privacy>> or Right to Information.
<<http://www.gladstone.qld.gov.au/right-to-information>>

Shaunte Farrington

From: Info (Mailbox)
Sent: Wednesday, 1 September 2021 3:52 PM
To: rheanna.nagy@hotmail.com
Subject: DA/25/2021 Hydrogen Park Gladstone Subsequent Submission
Attachments: DA-25-2021 Subsequent Submission - NAGY.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

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From: Rheanna Nagy <rheanna.nagy@hotmail.com>
Sent: Wednesday, 1 September 2021 3:42 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Fw: DA/25/2021 Hydrogen Park Gladstone Subsequent Submission

Good Afternoon,
Please find attached a subsequent submission for the development application DA/25/2021.
Thanks for your time.

Kind Regards,
Rheanna Nagy
M: 0434 551 651
E: rheanna.nagy@hotmail.com

From: Rheanna Nagy
Sent: Thursday, 26 August 2021 4:26 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>; mayor@gladstone.qld.gov.au <mayor@gladstone.qld.gov.au>; kahn.goodluck@gladstone.qld.gov.au <kahn.goodluck@gladstone.qld.gov.au>; gladstone@parliament.qld.gov.au <gladstone@parliament.qld.gov.au>
Subject: DA/25/2021 Hydrogen Park Gladstone Submission

Good Afternoon,

Please find a submission attached regarding DA/25/2021, Hydrogen Park Gladstone.
I have previously requested a copy of the application and called the council office but I am yet to hear back.
Also wondering if there be a community consultation opportunity for this development?

Kind Regards,

Rheanna Nagy

M: 0434 551 651

E: rheanna.nagy@hotmail.com

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Rheanna & Ernie Nagy

18 Sanctuary Place
South Gladstone QLD 4680
0434 551 651
Rheanna.nagy@hotmail.com

31 August 2021

Gladstone Regional Council,

Ref: DA/25/2021

info@gladstone.qld.gov.au

Objection to Development Application DA/25/2021

Lot 43 SP 165451, Derby Street, South Gladstone

Proposal

Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

Development Submission Period Dates – 13 August 2021 – 3 September 2021.

Subsequent Submission of Concern for Hydrogen Park Gladstone site location

Dear Gladstone Regional Council,

After further review of the online attachments of DA/25/2021 I would like to object to this development proposal.

We firstly want to make it very clear that we are not opposed to the project, we are excited about reaching our carbon reduction targets and know that Hydrogen is a crucial step in reducing our carbon footprint.

However, the full-scale intent of this project with export capability is not fit-for-purpose in suburban residential South Gladstone.

This project, in this location presents avoidable and unnecessary increased risk to the public, the people that live and go to school in the immediate area and the many truck drivers that use this route to leave/enter town. Please consider the following attributes in opposition to the selected location.

Planning - Use of Community Land

The site of the proposed development is located within the Community Facilities Zone under the planning scheme. Surrounding land is zoned low density residential, community facilities and open space.

Figure 3-1 Gladstone Regional Council Planning Scheme Zoning



Assessment against Community Facilities Zone Code

- 3.3.6.1 Community Facilities Zone Code The purpose of the community facilities zone code is to:
 - (a) provide for community related activities and facilities whether under public or private ownership;
 - (b) ensure all communities have access to a range of community services and facilities which meet local needs; and
 - (c) locate higher order community facilities generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social or cultural nature.

The purpose of the zone code clearly provides for the development of facilities and municipal services that meet the needs of the local Gladstone Community.

The code makes no mention of renewable energies or industrial services. Explain why council should amend the “purpose of use” of community land for private business ventures like AGIG?

- With child care facilities in town overloaded, elderly respite centre stretched, and minimal aged care facilities, surely Community land should be used to benefit the whole of the Gladstone community in a sustainable way supplying services to the greater community for the betterment of those living in the Gladstone region. This project reaches only estimated 770 users of domestic gas, not a large benefit to the community of 35 thousand people in the Gladstone district. This does not benefit the greater community based on the claim of 10% injection to existing gas customers.
- If the site is to be re-zoned (or change to material use), what does the site look like in 5-10 years? Public information states “Originally starting with Domestic offtake, mobility solutions and moving to large scale export.” What does the site look like with this vision in mind? A much larger & busier facility located in residential suburbia?
- The DA does not address P09, P10 or P11 satisfactorily regarding non-community activities or limitations to future community activities. Just because council uses it as a bulk storage yard does not mean this project classifies as a community project and can draw a comparison to current usage. The comment around the balance of site for other community activities is floored when you consider the site boundary is the total block of land and not just the compound. Placing a Hydrogen Plant on this location limits the future potential for further community developments within the valuable useable land in town.

For all assessable development		
Uses		
POS Non community related activities only occur where they: (c) support or are otherwise complementary, to the community related activities or facilities on the site, and	A09 Development for a shop or food and drink outlet is: (e) a maximum of 150m ² ; and (f) part of the building including community related activities.	Complies with POS The proposed development is compatible with the former use of the site as a Council bulk storage yard and will not prejudice the use of the balance of the site for other community related activities in the future.



Performance outcomes	Acceptable outcomes	Response
(d) are subordinate to those community activities or facilities.	Otherwise no acceptable outcome is nominated	

Transparency – Keep the end Game in mind.

Based on the vision of the consortium and the big picture from government, the small hydrogen plant proposed really does grow into a much larger facility as per SA plant for export of hydrogen. This DA does not take into consideration the full-scale impacts to community. Council must consider the end game of where this is all headed before approving the use of land.

Traffic

- Additional and regular activity at this site adds increased risk to commuters that use Derby St, particularly at the intersection and Ann and Adelaide St. During construction and commissioning there will be a large increase in traffic competing with school traffic at peak times. Important to also consider traffic disturbance with pending install of power across Derby street and integration into sewage network in Ann Street.
- DA only addresses impact based on the initial traffic load to generation and injection plant. Further expansion for H2 export will see increased trucking movements causing considerable increase in heavy vehicle movement in and out of the facility. When will the export traffic be taken into consideration, as of course will be too late once built?
- Will a pedestrian crossing be put in to cater for foot traffic currently (school kids and parents) walking to and from South school on Derby Street adjacent to proposed installation?
- More heavy trucking movement – When hydrogen is transported off the site going forward, the increased risk needs consideration given transport is likely to go via Toolooa Street to Benaraby Road going south and must pass via South school. Please ensure you consider the risk to young and sometimes unpredictable school children walking/riding past the entry to the facility on their way to and from school.



- Gladstone rate payers, along with State Government, have funded a recent bypass road to take trucking out of residential areas. This location does not take advantage of this initiative. Explain how increased trucking is a positive move in this location. How does this location make use of the bypass road initiative?

We are progressing a project to provide an alternate route for heavy vehicles accessing the Port of Gladstone to increase freight efficiency and improve safety for local motorists.

Dust

- The DA has listed negligible additional dust generation from the existing gravel road and hence it will not be sealed. Please check the council records, residents have made several complaints regarding dust from this area even in its current use. The grate does not stop dust going onto the road as detailed. Council has indicated they will use a water truck regularly when working in the area, this does not always happen and dust generation is real and will continue to be a problem if not sealed. The DA talks of use of water truck if they deem necessary, how will this be assessed?
- DA only addresses impact based on the initial traffic load to generation and injection plant. Further expansion for export will see increase trucking movements causing considerable dust generation
- Artist impression on public media gives a different impression with sealed roads, contradictory to DA.



Noise


- Noise Modelling report presented by Asset Integrity consultants clearly states, no background noise measurements have been done as part of the report, it is a recommendation of the report that this be done. Noise modelling conducted on assumed values generated from noise industry data. Can background data be collected and report reissued with accurate, in situ data prior to any approval proceeding in favour of the application.
- Noise Report conclusion states the plant noise will be over layed by back ground traffic noise. If operated 24/7, night time traffic data demonstrates 130 vehicle movements in 9 hours, that's approx. 15 per hour or 1 every 4mins. How can traffic overlay the noise of the plant if traffic is not continuous?

Table 2-3: Hourly Weekly Average Traffic for Derby Street

Description	Daytime, 7:00 am – 6:00 pm	Evening, 6:00 pm – 10:00 pm	Night, 10:00 pm – 7:00 am	Daily percentage heavy vehicles
Eastbound	322	105	58	4.5%
Westbound	382	114	69	7.6%

- Noise modelling profile map shows a maximum profile of 53Db. Equipment vendor specifications identify equipment ratings at 89 Db eg Process Water plant? There is concern over the validity of the data being used.

APPENDIX-2B

 Technical Datasheet			
Framesize.....	90	Make-Up (cycles of concentration 2.5).....	0.079 / 0.082 l/s
* Note: For indicative cable sizing the "Fan Full Load Current" and the corresponding "Nominal Voltage" have to be used.		Pan volume operating.....	100 l
1 x 3ph 4.0kW Process water pump - 205l/m @ 35m head		Pan volume overflow.....	210 l
AERODYNAMICAL DATA - UNITARY		Pressure range mechanical make-up valve.....	1 to 4,5 bar
Air flow (100% RPM/100% RPM).....	4.6 / 4.6 m³/s	Pressure drop (to be calculated without taking into account the pipe length)	
Number of fans.....	2	Acoustical data (Standard unit no attenuation)	
Fan type.....	Centrifugal	100 % RPM (@ 15.0m).....	53 dB(A)
Approximate Fan speed.....	781 RPM	Sound Power Level (@100 %RPM).....	89.0 dB(A)
HYDRAULICAL DATA - UNITARY		All acoustical data as sound pressure levels at quietest side of unit at indicated distance	
Total pressure drop (@2.4 / 2.5).....	3.0 / 4.0 kPa	note	
Standard unit.....	3.0 / 4.0 kPa	For safety reasons ladders are only allowed in combination with railing	
Spray water flow.....	(1x) 4.7 l/s		
Maximum evaporation.....	0.047 / 0.049 l/s		
Bleed (cycles of concentration 2.5).....	0.032 / 0.033 l/s		



- Noise Survey in DA attachment does not consider operational alarms (if any). If it is to be an unmanned plant, please explain the gas and fire detection alarm systems in the design. If audible alarms, (which gas plants tend to have), on call maintenance /operations person could be 30mins away to silence alarm.
- What's the Db rating of these alarms? Normally well above equipment operating levels, and what impact do these present to the modelling data if included?
- Spurious Alarms – Experience with gas detection systems is that spurious alarms are common due to moonlight reflection into sensors or sunlight reflection into sensors (usually from valve and instrument tags). They will need to assess and provide mitigation around how spurious audible alarms will be managed to avoid nuisance noise to day and shift workers that live in the area.

Weather Data

- Use of Gladstone airport weather data for wind rose may not be 100% accurate for this location. Location is much closer to coastline where prevailing winds differ from airport. Obtaining Data from South School weather station and/or QAL onsite weather station would be more accurate to determine the real impact to nearby residents.

Aesthetics

- How good does this look in residential South Gladstone? Prison style fencing (required to keep the school kids out). No improvement to gravel road entry.



Council have the final approval of the material use of the land in their jurisdiction, so we reach out those evaluating the proposal to reject the DA and force the consortium along with AGIG to present an alternative location in Gladstone in a less interactive area, more suited to this type of business, that caters for the full scale expansion of the site, ie outside existing proposed residential area.

Sincerely,

Rheanna & Ernie Nagy

Shaunte Farrington

From: Info (Mailbox)
Sent: Wednesday, 1 September 2021 11:02 AM
To: Luke.McArthur@riotinto.com
Subject: Objection to Hydrogen Plant Development Application (003).docx
Attachments: Objection to Hydrogen Plant Development Application (003).docx

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: McArthur, Luke (RTA) <Luke.McArthur@riotinto.com>
Sent: Wednesday, 1 September 2021 10:57 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to Hydrogen Plant Development Application (003).docx

You don't often get email from luke.mcarthur@riotinto.com. [Learn why this is important](#)

I am writing to object to proposed development DA 25/2021. Please find letter attached.

Kind regards,
Luke McArthur.

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RE: Objection to Development Application

DA/25/2021

- Address

Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680

- Proposal

Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

- Development Objection Period Dates

13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Luke McArthur

Residential Address: 8 Sanctuary Place

Phone Number: 0429 000 641

Email: luke.mcarthur@gmail.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refuelling and increased production to export to the world.

I am entirely in favour of development of hydrogen resources in Gladstone as a pathway to renewable fuels. That said **I strongly object to the chosen location** for this development on the basis that it is not the intended use of the land and is not a sensible or necessary location for a hydrogen plant.

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
2. The proposed plant location is not a sensible (or responsible) fit for the area on the grounds of safety, noise, purpose, and aesthetics. The proposal positions it immediately between houses and a school with TAFE across the road and residential suburbs all around.

- a. Generation and storage of hydrogen is an industrial process with significant safety risks that must be managed. Hydrogen is extremely explosive and incredibly easy to ignite. There have been numerous multiple fatality events related to hydrogen plants worldwide. Irrespective of likelihood the potential for fire or explosion is real and as such I find it unacceptable to position a generation and storage facility in a populated area adjoining houses, a primary school, and road that is well utilised by general traffic.
 - b. Future intent was stated to include expansion and international export – does this mean expansion at this facility with increased traffic and heavy vehicles? Again, proximity to the school and residential areas makes this unsuitable for frequent loading of heavy vehicles. A government project is currently underway to upgrade access to the port to segregate heavy vehicles from general traffic and stated as “essential to the long-term economic development and liveability of the area.” If export is intended from this facility at a point in the future, then this would be contrary to the intent of the existing Access to Gladstone Port project.
 - c. The surrounding prison style fence with razor wire coils will be an eyesore and doesn't fit well with the scenery along the road. The need for such a fence further highlights the significant potential danger inside the perimeter.
 - d. Noise –I couldn't find a noise study, but I am assuming it's a 24/7 operation with a few water pumps as the main noise source. The proximity to residential property and night-time noise is the main concern. It is a relatively quiet area at night (especially with low winds) and additional background noise simply isn't needed. If I were to operate my lawn mower or a diesel generator all night every night - which runs quieter than 90dB (similar noise level for industrial pumps) would that be acceptable around a residential area? The answer is clearly no.
3. I do not understand why this location is even being considered for this development- other than convenient proximity to a gas line. Gladstone is an industrial town with large industrial zones – surely there is a more suitable position for this plant. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for suitable for B double traffic.

Regards,



Name: Luke McArthur

Date: 1/9/21

Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 8:50 AM
To: tamey@bigpond.com
Subject: Development application objection
Attachments: Hydrogen objection .pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

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From: Tamey <tamey@bigpond.com>
Sent: Wednesday, 1 September 2021 6:25 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Development application objection

To whom it may concern,
Please find attached my objection to the proposed Hydrogen plant on Derby St for submission.

Regards
Chris Tame

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27 August 2021

CEO
Gladstone Regional Council
PO Box 29
Gladstone Qld 4680
Attention: Development Assessment

Dear Leisa Dowling

Properly Made Submission - Formal Objection
Development Application DA/25/2021
Development Permit for Material Change of Use Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

I formally lodge my objection to the above application and request that Council refuse the application on the following basis.

Site Suitability

The facility is proposed to be located at Lot 43 on SP165451, Derby Street South Gladstone. The site is zoned as Community Facilities under the Gladstone Regional Council Planning Scheme.



The Planning Scheme details the purpose of the community facilities zone as

1. *The purpose of the community facilities zone code is to:*

- a. *provide for community related activities and facilities whether under public or private ownership;*
- b. *ensure all communities have access to a range of community services and facilities which meet local needs; and*
- c. *locate higher order community facilities generally in the Gladstone urban area.*

A 'Renewable Energy Facility' and Utility Installation' are NOT community related activities or facilities. Council's own planning scheme details Community Facilities as being *municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social or cultural nature*. The renewability energy facility and utility installation are better suited to industrial zoned land.

The site adjoins residential uses. The surrounding area is predominantly residentially uses, with the TAFE college (CQ Uni Campus) and South Gladstone Primary School located nearby. The primary school was established in 1898 and has 350 students from prep to year six. The health and safety of these children, the teachers and the staff need to be a consideration in Council's assessment of the proposed industrial use.



Suitable use

renewable energy facility—

Premises used for the generation of electricity or energy from renewable (naturally reoccurring) sources

This definition does not actually reflect the use that will be on site. There is no energy being generated on site. The facility will use existing electricity from the Ergon network. The planning

report claims it will use renewable electricity via an Ergon connection. Gladstone is not a town with a high penetration of roof top solar so is far more likely that at this electricity will be produced by the COAL burning NRG Power Station. To claim this is renewable is dishonest. This is a MEDIUM INDUSTRIAL use.

Safety

Hydrogen used in fuel cells is a very flammable gas and can cause fire and explosions, yet a Bushfire Management Plan has not been included. The site adjoins bushland off Coon Street. If there was a fire or explosion at the site it could spread to this bushland and the homes that adjoin it, putting many lives at risk. Not to mention the impacts on the South Gladstone Primary School and its 350 students. The application highlights that no specific firefighting infrastructure is proposed within the facility.

The site will contain electrical infrastructure, hydrogen and gas. If this is an explosion or fire how will the electricity and gas infrastructure be impacted, specifically gas which is also highly flammable.

Stakeholder engagement

It can be seen in the report that little value has been given to the people of Gladstone. They were totally forgotten from the engagement process, with the developer only interested in the State, and Local Government. Is the community not a stakeholder in the development process anymore?

Environmental Issues

This application does not contain any assessment of the environmental impacts of hydrogen. AGN shows no commitment to community safety or transparency on the issues of environment impacts.

While hydrogen burns CO₂-free, its predominant production methods still use fossil fuels, including steam methane reforming from natural gas. This entails significant CO₂ emissions.

Hydrogen can be produced carbon-free by using excess renewable power – from wind or solar plants – to extract the gas from water via electrolysis. This site is using power generated from the Ergon network which is primarily from the coal burning NRG power station.

Conflict of interest

As the trustee of the site. The Gladstone City Council has consented to the lease of the site to AGN. By already agreeing to a 30-year lease Council has effectively approved the site for use without any consultation with the community. Council must address if fair and equitable planning rules are being followed as they assess the use, against the planning scheme.

To be clear Council as the trustee is leasing commonwealth land to a private company, without Ministerial approval. Perhaps AGN should invest in Gladstone by purchasing industrial zoned land and paying rates. Much of the funding for this project is coming from the State Government.

Furthermore, the planning application includes a photo of Minister Mick de Brenni, Assistant Minister Land McCallum and the GRC Mayor Matt Burnett on site. The Council and the State are bypassing proper process by assuming this is a done deal.

Figure 1-5: Hydrogen Minister Mick de Brenni joins Assistant Minister Lance McCallum, Gladstone Region Mayor Matt Burnett, CQU Vice-Chancellor and President Nick Klomp and AGN EGM Network Operations Mark Beech at the proposed HyP Gladstone site, January 2021



No doubt that if the application is refused or appealed the State Government will use their powers to call the project in, given they are funding it. The Council and the State Government have already decided that this proposal will go ahead by their lease deal and photo opportunity, they have shown no regard for the people of Gladstone. The people they are meant to be serving.

Kind Regards

Chris Tame

9 Boondooma Court

Boyne Island Q 4680

A blue ink signature of Chris Tame, written in a cursive style.

Shaunte Farrington

From: Info (Mailbox)
Sent: Wednesday, 1 September 2021 4:30 PM
To: kharth@bigpond.com
Subject: Carl Smith Objection to Development Application DA/25/2021
Attachments: Carl Smith Objection to Development Application.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards

Jessica Spurway
Records Management Officer
Finance Governance and Risk
Gladstone Regional Council
PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

-----Original Message-----

From: kharth@bigpond.com <kharth@bigpond.com>
Sent: Wednesday, 1 September 2021 4:29 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Carl Smith Objection to Development Application DA/25/2021

Please find attached Objection to Development Application DA/25/2021

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This email has been checked for viruses by AVG.
<https://www.avg.com>

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RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	Carl Smith
Residential Address:	210 Auckland Street South Gladstone Qld 4680
Phone Number:	0427 727 104
Email:	carlossmith0112@gmail.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

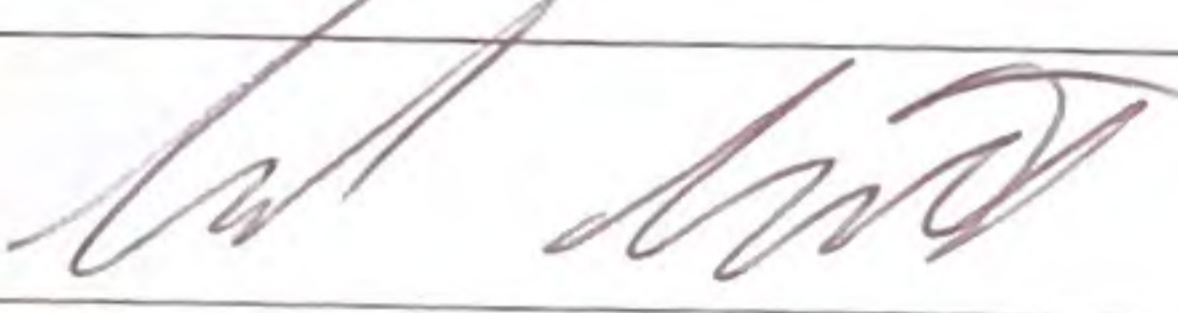
1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
2. The plant does not fit into the nearby residential buildings, school or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.
3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People

need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).

4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.
6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?
7. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.
8. Buried deep in the proposal around the land tenure is the following clause...

" Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Signature:	
Name:	Carl Smith
Date:	01.09.21
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Wednesday, 1 September 2021 3:34 PM
To: darrylharth@bigpond.com
Subject: Darryl Harth Objection to Development Application DA/25/2021
Attachments: Darryl Harth Objection to Development Application.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards

Jessica Spurway
Records Management Officer
Finance Governance and Risk
Gladstone Regional Council
PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

-----Original Message-----

From: Darryl Harth <darrylharth@bigpond.com>
Sent: Wednesday, 1 September 2021 3:32 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Darryl Harth Objection to Development Application DA/25/2021

Please find attached my objection to Development Application DA/25/2021

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RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	Darryl Harth
Residential Address:	6 Katrina Boulevard Kaleentha Park Gladstone Qld 4680
Phone Number:	07 4978 1991
Email:	darrylharth@bigpond.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:


1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
2. The plant does not fit into the nearby residential buildings, school or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.
3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People

need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).

4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.
6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?
7. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.
8. Buried deep in the proposal around the land tenure is the following clause...

" Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Signature:	
Name:	Darryl Harth
Date:	01.09.21
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Wednesday, 1 September 2021 9:20 AM
To: graham4680@gmail.com
Subject: Contact Us Online Form Submission - make_a_complaint - Dianne Graham
Attachments: Dianne_Graham_DA252021_Submission.docx

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: digital@lgaq.asn.au <digital@lgaq.asn.au>
Sent: Wednesday, 1 September 2021 9:14 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Contact Us Online Form Submission - make_a_complaint - Dianne Graham

This automated email has been sent from the Gladstone Regional Council Website from a website visitor.

Customer Details

First Name: Dianne

Last Name: Graham

Email: graham4680@gmail.com

Phone number: 0428317617

Address
237 Oaka Street Gladstone

Request Details

Website Reference: 81232

Request Type: make_a_complaint

Contact Preference: email

Request

Submission to DA/25/2021

Attachments

Dianne_Graham_DA252021_Submission.docx

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The Assessment Manager,
Gladstone Regional Council,
PO Box 29
GLADSTONE QLD 4680

Dear Manager,

**Material Change of Use - Impact - Renewable Energy Facility
(Hydrogen Production and Blending) and Utility Installation
(Gas Distribution)
Application ref: DA/25/2021**

Objection to DA/25/2021

I strongly object to the construction of the hydrogen park at the proposed facility in Derby Street South Gladstone. I propose that it be built at a location away from all residential living which includes South Gladstone primary School, Sport's fields used by children at the TAFE grounds.

Safety of residents is my main concern. In the event of an explosion or fire there is not a sufficient buffer zone to protect people or buildings from potential harm. Has a thorough risk analysis been carried out and if so why hasn't it been made available to the public?

Build the facility elsewhere away from a residential area. There is other land available such as the Aldoga Industrial estate. As a long term resident of South Gladstone I do not want to have industry nearby. There has been no consultation with residents living close to the proposed site.

Submitted by:

Dianne Marie Graham
237 Oaka Street
South Gladstone Q 4680

1 September 2021

Shaunte Farrington

From: Info (Mailbox)
Sent: Wednesday, 1 September 2021 9:30 AM
To: graham4680@gmail.com
Subject: Contact Us Online Form Submission - make_a_complaint - Gerard Graham
Attachments: G_Graham_DA252021_Submission.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: digital@lgaq.asn.au <digital@lgaq.asn.au>
Sent: Wednesday, 1 September 2021 9:28 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Contact Us Online Form Submission - make_a_complaint - Gerard Graham

This automated email has been sent from the Gladstone Regional Council Website from a website visitor.

Customer Details

First Name: Gerard

Last Name: Graham

Email: graham4680@gmail.com

Phone number: 0419685818

Address

237 Oaka Street South Gladstone 4680

Request Details

Website Reference: 81240

Request Type: make_a_complaint

Contact Preference: email

Request

Submission to DA/25/2021

Attachments

G_Graham_DA252021_Submission.pdf

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The Assessment Manager,
Gladstone Regional Council,
PO Box 29
GLADSTONE QLD 4680

Dear Manager,

**Material Change of Use - Impact - Renewable Energy Facility
(Hydrogen Production and Blending) and Utility Installation
(Gas Distribution)
Application ref: DA/25/2021**

Background

Hydrogen will play an important part in reducing future greenhouse gas production. Australian Gas Networks (AGN) is proposing to build a hydrogen production plant in Derby Street, opposite the TAFE college, and inject the hydrogen into the domestic gas reticulation system in Gladstone. The boundary of the proposed plant lease area will be about 130m from South Gladstone State School, across the road from the Little Athletics field at TAFE, and a similar distance to many private residences and the Council depot in the area.

Summary of Concerns

I object to the approval of DA/25/2021 on the following grounds:

1. The proposed hydrogen plant will present an unacceptable explosion risk, being in close proximity to a school and private residences. It will not be possible to eliminate this risk.
2. A likely increase in noise, both continuous and intermittent, will be unacceptable to nearby residents. The noise study relies on assumed background data and thus is fundamentally flawed.

The solution to both of these concerns is to locate hydrogen production facilities of any size at the Aldoga Industrial Estate, a safe distance from centres of population. This should become a matter of principle and policy with Gladstone Regional Council.

Explosion Risk

Hydrogen is a highly explosive gas. It has an explosive range of 4% - 74% in air, compared to natural gas/methane of 5% - 15%. Hydrogen also requires very low ignition energy compared to natural gas. The production of hydrogen in any quantity presents a potential explosion hazard. The boundary of the proposed Hydrogen Park Gladstone lease area will be about 130m from South Gladstone State School, across the road from the Little Athletics field at TAFE, and a similar distance to many private residences and the Council depot in the area. A hydrogen explosion at the facility would have two outcomes. The first will be a blast pressure wave which could shatter windows and burst eardrums. The second could be metal projectiles from failed equipment being launched towards populated areas. Even the slightest probability of these events occurring should deem the plant unsafe to operate in the proposed area, because the consequences could be fatal.

Australian Gas Networks (AGN) claims to have completed fire and dispersion modelling for the proposed plant, but no detail or summary of this work has been presented. Less than one page (Section 4.6) in the Planning Report is dedicated to "Hazard and Risk", the majority of which refers to construction standards.

At the minimum the following should have been conducted, and released to Council and the general public for scrutiny:

- HAZOP (Hazard and Operability) study
- Fire and explosion modelling report including projectile analysis
- Quantitative Risk Analysis (QRA) and/or Layer of Protection Analysis (LOPA)

AGN have explicitly stated their ambition to increase hydrogen supply to the network from an initial 10% to 100%. AGN also proposes to establish a vehicle hydrogen refuelling facility on the site. Both these developments will require larger hydrogen production and storage facilities, resulting in the explosion damage risk increasing exponentially.

AGN have stated that the proposed plant is "innovative", with reference to the use of a previously unproven technology combination. AGN have also stated that the plant will be normally unmanned (operated remotely) and will have the capacity to vent the full inventory of stored hydrogen in the event of equipment malfunction, therefore having a slow technician response time to any operational issues that may arise. Innovative design and unmanned operation will add another significant layer to an already potentially unacceptable risk profile.

It will be impossible to guarantee zero risk of explosion and consequential damage from the proposed plant. The only logical solution is to locate any hydrogen production facility, regardless of size, at Aldoga Industrial Estate, away from people and surrounded by an appropriate exclusion zone.

Noise

Noise is addressed in Section 4.4 of the Planning Assessment report, with a detailed report in Appendix H. The noise study relies on assumed background noise data, and thus is fundamentally flawed. Post-construction operational noise increase will be unquantifiable compared with pre-construction assumed background noise.

The Amenity Noise Criteria for Residential Receivers is set 3dBA above the background noise estimates. This represents a **doubling** of noise pressure at residential receptors.

More concerning, however, than an increase in background noise is intermittent noise from machinery operation and venting of gas at all hours. This area is already subject to heavy vehicle traffic on Derby Street, and vehicle, machinery and alarm noise from the Council depot in Lyons Street.

A further increase in noise, either background or intermittent, in this largely residential area will be unacceptable.

Submitted by:

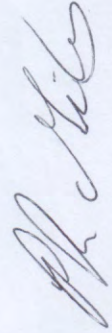
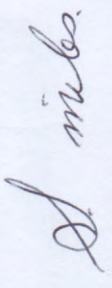


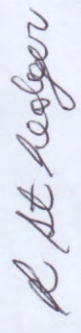

Gerard Alexander Graham
237 Oaka Street
South Gladstone Q 4680

1 September 2021



Attachment: List of people who are parties to this submission.

Material Change of Use - Impact - Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) Application ref: DA/25/2021

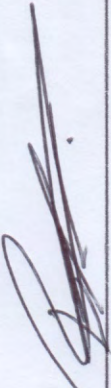
Name	Address	Signature	Date
Peter Richard Miles	Flat 1 233 Oaka Street Gladstone Qld 4680		29/08/2021
Suzanne Catherine Miles	Flat 1 233 Oaka Street Gladstone Qld 4680		29/08/2021
Daniel Beahan	236 Oaka St Gladstone		30/08/21
MARK REYNOLDS	228 OAKA ST SOUTH GLADSTONE		30/8/21
ROSE STRECKER	224 OAKA ST SOUTH GLADSTONE		30/8/2021
Anthony King	226 Oaka St Gladstone 4680		30/8/2021

Material Change of Use - Impact - Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) Application ref: DA/25/2021

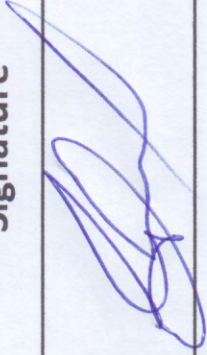
Name	Address	Signature	Date
Mavis Forteous	231 Oaka St Gladstone	M. S. Forteous	23.8.2021
Thomas Forteous	"	[Signature]	"
NICHOLAS HINDS	14 Resole St Clinton	[Signature]	15/4/20/8/21
Emme Hinds	"	[Signature]	30/8/21
MADONNA WINTERBOTTOM	235 OAKA ST SOUTH GLADSTONE	[Signature]	30/8/21.
Maddison Beahan	236 Oaka St Gladstone	[Signature]	30/08/21.

Karen Shaw
 236 Oaka St Gladstone
~~[Signature]~~
 [Signature]
 30/08/21

Material Change of Use - Impact - Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) Application ref: DA/25/2021

Name	Address	Signature	Date
BRIAN ST LEDGER	224 OAKA ST GLADSTONE		30.08.2021
Megan Hughes	9 TREE CLOSE CRES GLADSTONE 4680	Megan H	30/08/21
Nikita St-Ledger	224 Oaka Street Gladstone Q 4680	Neddy	30/08/21
Terry Stuib	224 Oaka Street Gladstone Q 4680	T Stuib	30/08/21

Material Change of Use - Impact - Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) Application ref: DA/25/2021

Name	Address	Signature	Date
GARY CHURCH	239 OAKA ST		31/8/21
WENDY CHURCH	239 OAKA ST GLIMSTONE	WEL	31/8/21

Shaunte Farrington

From: Info (Mailbox)
Sent: Wednesday, 1 September 2021 10:03 AM
To: rosemarie.janson@bigpond.com
Subject: Derby st submission.
Attachments: Derby-Street-objection.docx

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Rose Janson <rosemarie.janson@bigpond.com>
Sent: Wednesday, 1 September 2021 9:58 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Derby st submission.

Please see the attached submission.
Regards Rose Janson



Virus-free. www.avg.com

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25 August 2021

CEO
Gladstone Regional Council
PO Box 29
Gladstone Qld 4680
Attention: Development Assessment

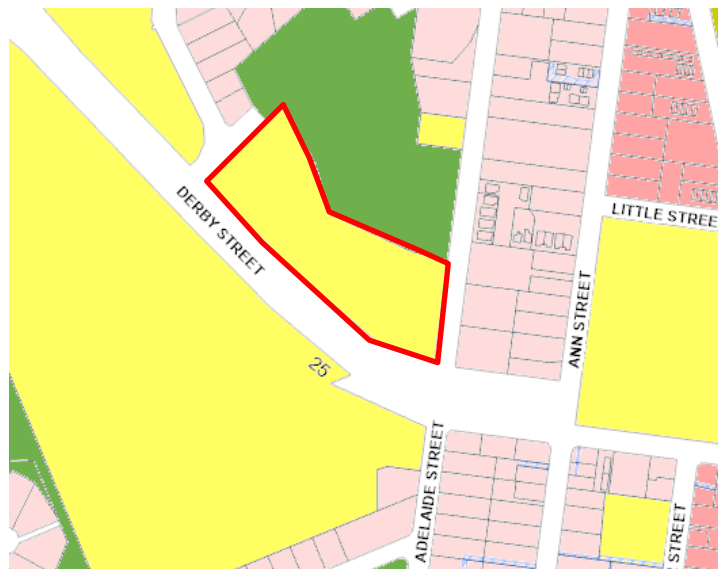
Dear Leisa Dowling

Properly Made Submission - Formal Objection
Development Application DA/25/2021
Development Permit for Material Change of Use Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

I formally lodge my objection to the above application and request that Council refuse the application on the following basis.

Site Suitability

The facility is proposed to be located at Lot 43 on SP165451, Derby Street South Gladstone. The site is zoned as Community Facilities under the Gladstone Regional Council Planning Scheme.



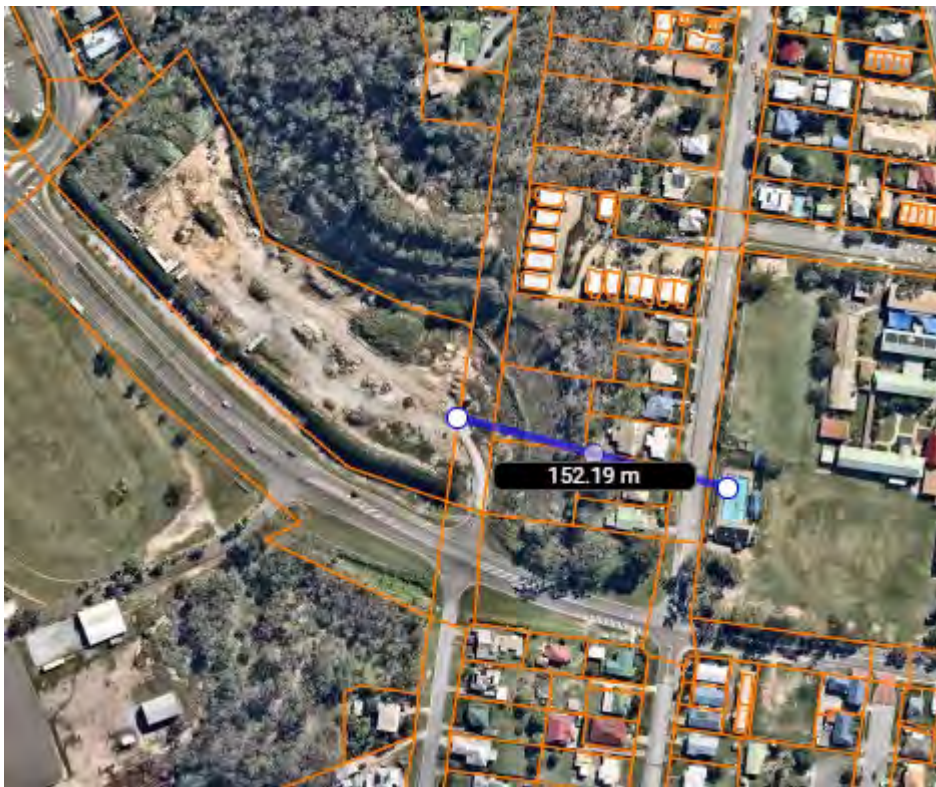
The Planning Scheme details the purpose of the community facilities zone as

1. *The purpose of the community facilities zone code is to:*

- a. *provide for community related activities and facilities whether under public or private ownership;*
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A 'Renewable Energy Facility' and Utility Installation' are NOT community related activities or facilities. Council's own planning scheme details Community Facilities as being *municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social or cultural nature*. The renewability energy facility and utility installation are better suited to industrial zoned land.

The site adjoins residential uses. The surrounding area is predominantly residentially uses, with the Tafe college (CQ Uni Campus) and South Gladstone Primary School located nearby. The primary school was established in 1898 and has 350 students from prep to year six. The health and safety of these children and the teachers needs to be a consideration in Councils assessment of the proposed industrial use.



Suitable use

renewable energy facility—

Premises used for the generation of electricity or energy from renewable (naturally reoccurring) sources

This definition does not actually reflect the use that will be on site. There is no energy being generated on site. The facility will use existing electricity from the Ergon network. The planning

report claims it will use renewable electricity via an Ergon connection. Gladstone is not a town with a high penetration of roof top solar so is far more likely that at this electricity will be produced by the COAL burning NRG Power Station. To claim this is renewable is dishonest. This is an MEDIUM INDUSTRIAL use.

Safety

Hydrogen used in fuel cells is a very flammable gas and can cause fire and explosions, yet a Bushfire Management Plan has not been included. The site adjoins bushland off Coon Street. If there was a fire or explosion at the site it could spread to this bushland and the homes that adjoin it, putting many lives at risk. Not to mention the impacts on the South Gladstone Primary School and its 350 students. The application highlights that no specific firefighting infrastructure is proposed within the facility.

The site will contain electrical infrastructure, hydrogen and gas. If this is an explosion or fire how will the electricity and gas infrastructure be impacted, specifically gas which is also highly flammable.

Stakeholder engagement

It can be seen in the report how little value has been given to the people of Gladstone. They were totally forgotten from the engagement process, with the developer only interested in the State, and Local Government. Is the community not a stakeholder in the development process anymore?

Environmental Issues

This application does not contain any assessment of the environmental impacts of hydrogen. AGN shows no commitment to community safety or transparency on the issues of environment impacts.

While hydrogen burns CO₂-free, its predominant production methods still use fossil fuels, including steam methane reforming from natural gas. This entails significant CO₂ emissions.

Hydrogen can be produced carbon-free by using excess renewable power – from wind or solar plants – to extract the gas from water via electrolysis. This site is using power generated from the Ergon network which is primarily from the coal burning NRG power station.

Conflict of interest

As the trustee of the site. The Gladstone City Council has consented to the lease of the site to AGN. By already agreeing to a 30-year lease Council has effectively approved the site for use without any consultation with the community. Council must address if fair and equitable planning rules are being followed as they assess the use, against the planning scheme.

To be clear Council as the trustee are leasing commonwealth land to a private company, without Ministerial approval. Perhaps AGN should invest in Gladstone by purchasing industrial zoned land and paying rates. Much of the funding for this project is coming from the State Government.

Furthermore, the planning application includes a photo of Minister Mick de Brenni, Assistant Minister Land McCallum and the GRC Mayor Matt Burnett on site. The Council and the State are bypassing proper process by assuming this is a done deal.

Figure 1-5: Hydrogen Minister Mick de Brenni joins Assistant Minister Lance McCallum, Gladstone Region Mayor Matt Burnett, CQU Vice-Chancellor and President Nick Klomp and AGN EGM Network Operations Mark Beech at the proposed HyP Gladstone site, January 2021



I request that Council contact me to discuss the application. I reserve my rights under the Planning Act 2017 as a properly made submitter to appeal this application in the Planning and Environment Court should it be approved.

No doubt that if the application is refused or appealed the State Government will use their powers call the project in, given they are funding it. The Council and the State Government have already decided that this proposal will go ahead by their lease deal and photo opportunity, they have shown no regard for the people of Gladstone. The people they are meant to be serving.

Kind Regards

Name Brian and Rose Janson

Address: These properties are all within 1 km of the proposed site.

41 Ann, 1 Derby, 3 Derby, 10 Roberts, 21 Marten, 1 Elizabeth, 163 Toolooa Streets.

We feel that this will impact the lifestyle and safety of the area as well as our property valuations

Not to mention the added traffic flow on an already busy thoroughfare.

We are not objecting to proposal only the location in close proximity to residential area and school.

Regards Brian and Rose

Shaunte Farrington

From: Info (Mailbox)
Sent: Wednesday, 1 September 2021 3:07 PM
To: LCasey@nrggos.com.au
Subject: Objection to Development Application DA/25/2021
Attachments: SKM_C250i21090114540.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Casey, Lynda <LCasey@nrggos.com.au>
Sent: Wednesday, 1 September 2021 3:06 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to Development Application DA/25/2021

Thanks
Lynda Casey

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RE: Objection to Development Application

DA/25/2021

• Address

Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680

• Proposal

Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

• Development Objection Period Dates

13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Lynda Casey

Residential Address: 4 Solonika Court, South Gladstone

Phone Number: 0417 780 426

Email: lcasey8@bigpond.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
2. The plant does not fit into the nearby residential buildings, school or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.
3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).
4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.
6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?

7. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.

8. Buried deep in the proposal around the land tenure is the following clause...

" Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Signature:



Name: Lynda Casey

Date: 1st September 2021

Email to: Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Wednesday, 1 September 2021 2:16 PM
To: nick@keetah.com.au
Subject: Submission Application ref : DA/25/2021
Attachments: Submission DA252021.docx

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

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From: Nick Humble <nick@keetah.com.au>
Sent: Wednesday, 1 September 2021 2:15 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Submission Application ref : DA/25/2021

Please find attached submission in relation to proposed DA/25/2021

Regards

Nick Humble

Mobile 0428 791400

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The Assessment Manager
Gladstone Regional Council
PO Box 29
Gladstone Qld 4680
1st September 2021

Application ref : Submission DA/25/2021

Lot 43 SP 165451 Derby Street South Gladstone Qld 4680

Dear Sir/Madam,

I would like to make a submission in relation to the above DA/25/2021.

I wish to object to all of the proposed development on the following grounds :

The proposed development of a Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) is not an acceptable industrial facility to be located within the confines of what is primarily a residential area of the Gladstone City.

Houses and units which are located in Lyons Street, Ann Street, Derby Street and Adelaide street are immediately adjacent or backing on to the proposed facility and an additional housing estate located in Cumberland Heights Dolphin Terrace will also overlook this facility

I submit that the proposed development is not compatible with the existing surrounding areas development.

Your Faithfully

Nicholas Humble

91 Meyer Road

O'Connell. Qld 4680

P.O. Box 1967

Gladstone Qld 4680

0428791400

Shaunte Farrington

From: Info (Mailbox)
Sent: Wednesday, 1 September 2021 4:22 PM
To: kharth@bigpond.com
Subject: Wayne Robinson Objection to Development Application DA/25/2021
Attachments: Wayne Robinson Objection to Development Application .pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards

Jessica Spurway
Records Management Officer
Finance Governance and Risk
Gladstone Regional Council
PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

-----Original Message-----

From: kharth@bigpond.com <kharth@bigpond.com>
Sent: Wednesday, 1 September 2021 4:21 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: FW: Wayne Robinson Objection to Development Application DA/25/2021

Please find attached Objection to Development Application DA/25/2021

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relating to Privacy <<http://www.gladstone.qld.gov.au/web/guest/privacy>> or Right to Information.
<<http://www.gladstone.qld.gov.au/right-to-information>>

RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	ROBINSON WAYNE WILLIAM
Residential Address:	212 AUCKLAND ST, GLADSTONE QLD 4680
Phone Number:	04136 70 273.
Email:	kharth@bigpond.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

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Regards,

Signature:	<i>W. Robinson</i>
Name:	WAYNE WILLIAM ROBINSON,
Date:	18 TH SEPTEMBER 2021
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 3:34 PM
To: duffrd@gmail.com
Subject: Hydrogen Submission
Attachments: Hydrogen submission.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Donna Duff <duffrd@gmail.com>
Sent: Thursday, 2 September 2021 3:26 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Fwd: Hydrogen Submission

See attached

Subject: Hydrogen Submission

DUFF, Donna

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01 September 2021

CEO
Gladstone Regional Council
PO Box 29
Gladstone Qld 4680
Attention: Development Assessment

Dear Leisa Dowling

Properly Made Submission - Formal Objection
Development Application DA/25/2021
Development Permit for Material Change of Use Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

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Figure 1-5: Hydrogen Minister Mick de Brenni joins Assistant Minister Lance McCallum, Gladstone Region Mayor Matt Burnett, CQU Vice-Chancellor and President Nick Klomp and AGN EGM Network Operations Mark Beech at the proposed HyP Gladstone site, January 2021



No doubt that if the application is refused or appealed the State Government will use their powers to call the project in, given they are funding it. The Council and the State Government have already decided that this proposal will go ahead by their lease deal and photo opportunity, they have shown no regard for the people of Gladstone. The people they are meant to be serving.

Kind Regards

Donna Duff

2 Liriope Drive Gladstone

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 7:55 AM
To: gonefishing40@bigpond.com
Subject: Objection to DA_25_2021 Hydrogen Plant
Attachments: Ojection to DA_25_2021 Hydrogen Plant.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Gavin Veach <gonefishing40@bigpond.com>
Sent: Thursday, 2 September 2021 9:06 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to DA_25_2021 Hydrogen Plant

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to [Privacy](#) or [Right to Information](#).

RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	Gavin Veach
Residential Address:	13 Alyssa Court Norman Gardens
Phone Number:	0427284850
Email:	Gonefishing40@bigpond.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:


1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
2. The plant does not fit into the nearby residential buildings, school or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.
3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People

need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).

4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.
6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?
7. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.
8. Buried deep in the proposal around the land tenure is the following clause...

" Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Signature:	
Name:	Gavin Veach
Date:	2 September 2021
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 9:00 AM
To: amanda.walz@atqld.com.au
Subject: Objection to development Application - Derby Street
Attachments: SKM_C30821090208310.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Amanda Walz <amanda.walz@atqld.com.au>
Sent: Thursday, 2 September 2021 8:42 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to development Application - Derby Street

To whom this may concern

Please find attached letter of objection in regards to the proposed Renewable Energy Facility on Derby Street.



Amanda Walz Admin

ATQLD

P: 1300 242 425 E: amanda.walz@atqld.com.au

W: www.atqld.com.au

26 Beckinsale Street, Gladstone, QLD, 4680

Gladstone Area Group Apprentices Ltd (GAGAL) are now trading as Apprentices and Trainees Queensland (ATQLD)

ABN: 19 010 613 626 ACN: 010 613 626

From: gagalscans@gagal.com.au <gagalscans@gagal.com.au>
Sent: Thursday, 2 September 2021 8:31 AM
To: Amanda Walz <amanda.walz@atqld.com.au>
Subject: Message from KM_C308

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RE: Objection to Development Application
DA/25/2021

• Address

Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates
13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Michael and Amanda Walz

Residential Address: 5 Sanctuary Place, South Gladstone

Phone Number: 0435 253 505

Email: amanda.walz@atqld.com.au

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refuelling and increased production to export to the world.

I object to this development proposal because:

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Regards,

Signature:



Name Amanda Walz

Date: 1/9/2021

Email to: Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 2:43 PM
To: adam.bosnjak308@gmail.com
Subject: Fwd: Objection to development Application DA/25/2021
Attachments: doc00160020210902123011.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Adam Bosnjak <adam.bosnjak308@gmail.com>
Sent: Thursday, 2 September 2021 2:41 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Fwd: Objection to development Application DA/25/2021

Please see attached letter of objection for your reference

Regards

Adam Bosnjak

----- Forwarded message -----

From: Adam Bosnjak <adam.bosnjak@gpdiscountharmacy.com.au>
Date: Thu, 2 Sep 2021, 2:24 pm
Subject: Objection to development Application DA/25/2021
To: <adam.bosnjak308@gmail.com>

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council’s website for more information relating to [Privacy](#) or [Right to Information](#).

RE: Objection to Development Application

DA/25/2021

• Address

Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680

• Proposal

Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

• Development Objection Period Dates

13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Adam Bosnjak

Residential Address: 24 Winpara Dr, Kirkwood QLD 4680

Phone Number: 0415 192 034

Email: adam.bosnjak308@gmail.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

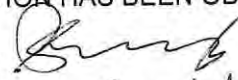
I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
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Regards,

Signature: 

Name: Adam Bosnyak

Date: 2/9/21

Email to: Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 4:25 PM
To: angiallison@gmail.com
Subject: Objection to Development Application
Attachments: Objection to Development Application .pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: angela allison <angiallison@gmail.com>
Sent: Thursday, 2 September 2021 4:24 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to Development Application

To Whom it May Concern,

I've attached my Objection to the Development Application of the Hydrogen Production and Blending proposal on Derby Street.

Regards,

Aaron and Angela Allison

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to [Privacy](#) or [Right to Information](#).

RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	AARON AHLISON
Residential Address:	7 CROSS STREET GLADSTONE 4680
Phone Number:	0427 32 2958
Email:	aaronhata@hotmail.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

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Regards,

Signature:	
Name:	AARON RAWISON
Date:	2/9/21
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Wednesday, 1 September 2021 8:55 AM
To: natheine2010@gmail.com
Subject: ATT: URGENT! Assessment Manager - Objection To Development Application DA/25/2021
Attachments: Objectionpg1.pdf; Objectionpg2.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Natalie Heinemann <natheine2010@gmail.com>
Sent: Wednesday, 1 September 2021 8:52 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: ATT: URGENT! Assessment Manager - Objection To Development Application DA/25/2021

Good morning

please find attached an objection to the location of the proposed Hydrogen Production and Blending plant at Lot 43 Derby St.

Please provide notification when this has been read and received by the appropriate parties.

Regards

Natalie Heinemann

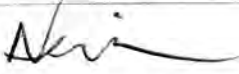
Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to [Privacy](#) or [Right to Information](#).

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Regards,

Signature:	
Name:	Natalie Heinemann
Date:	1/9/21
Email to:	Info@gladstone.qld.gov.au

RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	Natalie Heinemann
Residential Address:	30 Busteed St Gladstone
Phone Number:	0417 258 793
Email:	nathene2010@gmail.com

Attention: Assessment Manager

To Whom it May Concern,

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* Gladstone Little Athletics is held on the TAFE oval from August to March every year. The oval is also used for Schools' athletics carnivals and training throughout Winter. It is not appropriate to have such a plant across the road from a location families with children participate in sport.

Shaunte Farrington

From: Info (Mailbox)
Sent: Wednesday, 1 September 2021 12:18 PM
To: hello@courtneymorrison.com
Subject: Objection to Development Application
Attachments: Objections to proposal.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Courtney Morrison <hello@courtneymorrison.com>
Sent: Wednesday, 1 September 2021 12:13 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to Development Application

Good afternoon,

Please see attached objection to the development application proposed for Lot 43 Derby St, South Gladstone.

Sincerely
Courtney Morrison

--

With Appreciation,



COURTNEY **morrison**

m: 0448174094

e: hello@courtneymorrison.com

w: www.courtneymorrison.com

Let's open up conversations about:

 Wellbeing: An Organisation's Superpower

 Bespoke Human Resource Solutions

 Ways to THRIVE from the Inside Out

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RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	
Residential Address:	
Phone Number:	
Email:	

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
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8. Buried deep in the proposal around the land tenure is the following clause...

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Regards,

Signature:	
Name:	
Date:	
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Wednesday, 1 September 2021 3:34 PM
To: darrylharth@bigpond.com
Subject: Elaine Harth Objection to Development Application DA/25/2021
Attachments: Elaine Harth Objection to Development Application.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards

Jessica Spurway
Records Management Officer
Finance Governance and Risk
Gladstone Regional Council
PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

-----Original Message-----

From: Darryl Harth <darrylharth@bigpond.com>
Sent: Wednesday, 1 September 2021 3:31 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Elaine Harth Objection to Development Application DA/25/2021

Please find attached my objection to Development Application DA/25/2021

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to Privacy <<http://www.gladstone.qld.gov.au/web/guest/privacy>> or Right to Information. <<http://www.gladstone.qld.gov.au/right-to-information>>

RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	Elaine Harth
Residential Address:	6 Katrina Boulevard Kaleentha Park Gladstone Qld 4680
Phone Number:	0413 424 979
Email:	hartz8@bigpond.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:


1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
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Regards,

Signature:	
Name:	Elaine Harth
Date:	01.09.21
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Wednesday, 1 September 2021 4:28 PM
To: kharth@bigpond.com
Subject: Karen Harth Objection to Development Application DA/25/2021
Attachments: Karen Harth Objection to Development Application.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards

Jessica Spurway
Records Management Officer
Finance Governance and Risk
Gladstone Regional Council
PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

-----Original Message-----

From: kharth@bigpond.com <kharth@bigpond.com>
Sent: Wednesday, 1 September 2021 4:27 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Karen Harth Objection to Development Application DA/25/2021

Please find attached Objection to Development Application DA/25/2021

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This email has been checked for viruses by AVG.
<https://www.avg.com>

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to Privacy <<http://www.gladstone.qld.gov.au/web/guest/privacy>> or Right to Information. <<http://www.gladstone.qld.gov.au/right-to-information>>

RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	Karen Harth
Residential Address:	210 Auckland Street South Gladstone Qld 4680
Phone Number:	0432 920 205
Email:	kharth@bigpond.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

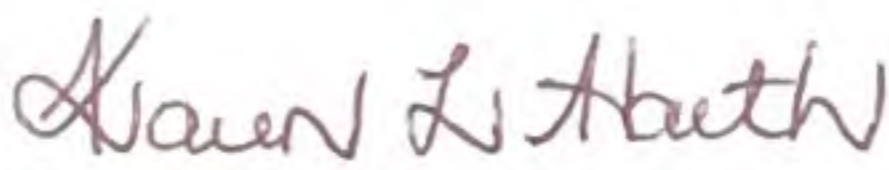
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Regards,

Signature:	
Name:	Karen Harth
Date:	01.09.21
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 5:00 PM
To: lbarn1770@gmail.com
Subject: Objection to Development DA/25/2021
Attachments: Application to Development Application 2021.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Lynda Barnett <lbarn1770@gmail.com>
Sent: Thursday, 2 September 2021 4:59 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to Development DA/25/2021

Attention: Assessment Manager

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to [Privacy](#) or [Right to Information](#).

RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
PERSON MAKING SUBMISSION	
Name:	LYNDA BARNETT
Residential Address:	3 Ouston Place Gladstone Q 4680
Phone Number:	49792773
Email:	lbarn1770@gmail.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

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Regards,

Signature:	<i>Lynda Barnett</i>
Name:	LYNDA BARNETT
Date:	2/9/21
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 9:01 AM
To: pepesched@bigpond.com
Subject: hydrogen plat
Attachments: document 001.bmp; document 002.bmp

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Peter Schedny <pepesched@bigpond.com>
Sent: Thursday, 2 September 2021 8:45 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: hydrogen plat

Regards,

Peter Schedny

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to [Privacy](#) or [Right to Information](#).

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<u>PERSON MAKING SUBMISSION</u>	
Name:	Peter Schedny
Residential Address:	73 Adelaide St Gladstone.
Phone Number:	0437 018 441.
Email:	PePesched@bigpond.com.

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

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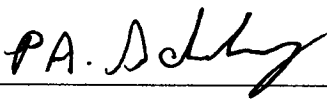
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Regards,

Signature:	
Name:	Peter Schedny
Date:	02/09/2021
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 12:54 PM
To: rachellerewi@gmail.com
Subject: Objection of Development
Attachments: 20210902_123243.jpg; 20210902_123257.jpg

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Rachel R <rachellerewi@gmail.com>
Sent: Thursday, 2 September 2021 12:35 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection of Development

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RE: Objection to Development Application

DA/25/2021

• Address

Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680

• Proposal

Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

• Development Objection Period Dates

13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name:

Residential Address:

Phone Number:

Email:

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
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3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).
4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.
6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?
7. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.

8. Buried deep in the proposal around the land tenure is the following clause...

" Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes of the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Signature:

Name:

Rachelle Renwick

Date:

2/09/2021.

Email to: Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 1:21 PM
To: bsparrow@nrggos.com.au
Subject: Development Application Objection
Attachments: SKM_C250i21090213140.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Sparrow, Rebecca <bsparrow@nrggos.com.au>
Sent: Thursday, 2 September 2021 1:18 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Development Application Objection

The contents of this electronic message and any attachments are intended only for the addressee and may contain legally privileged, personal, sensitive or confidential information. If you are not the intended addressee, and have received this email, any transmission, distribution, downloading, printing or photocopying of the contents of this message or attachments is strictly prohibited. Any legal privilege or confidentiality attached to this message and attachments is not waived, lost or destroyed by reason of delivery to any person other than intended addressee. If you have received this message and are not the intended addressee you should notify the sender by return email and destroy all copies of the message and any attachments. Unless expressly attributed, the views expressed in this email do not necessarily represent the views of the company.

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RE: Objection to Development Application

DA/25/2021

• Address

Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680

• Proposal

Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

• Development Objection Period Dates

13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: REBECCA SPARROW

Residential Address: 8 LORNA CRESCENT, BEECHER

Phone Number: (07) 49765107

Email: rsparrow@nvggas.com.au

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
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Regards,

Signature:

Name: REBECCA SPARKOW

Date: 2/9/21

Email to: Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 11:03 AM
To: robellem001@gmail.com
Subject: Robert Ellem Objection to Development Application
Attachments: Robert Ellem Objection to Development Application.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Robert Ellem <robellem001@gmail.com>
Sent: Thursday, 2 September 2021 10:52 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Robert Ellem Objection to Development Application

Please find attached Objection to Development Application DA/25/2021

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to [Privacy](#) or [Right to Information](#).

RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	R. J. Ellen
Residential Address:	5 RMOORS ST CALLIOPE
Phone Number:	0401463223
Email:	robellen001@gmail.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:


1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
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3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People

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Regards,

Signature:	
Name:	ROBERT BLEM
Date:	2/9/21
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 4:42 PM
To: skyelee97@yahoo.com.au
Subject: Objection to development apication
Attachments: objection to development application.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

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From: Skye Kierys <skyelee97@yahoo.com.au>
Sent: Thursday, 2 September 2021 4:40 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to development apication

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RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	Skylar Kierys
Residential Address:	5 Rhodes St Calliope QLD
Phone Number:	0403 654 050
Email:	skylarlee97@yahoo.com.au

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

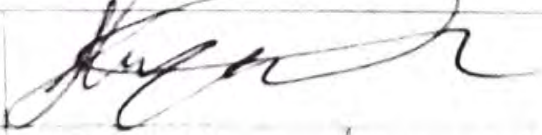
1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
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- 4 The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
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Regards,

Signature:	
Name:	Skye Kierns
Date:	2/9/2021
Email to:	info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 4:24 PM
To: smg48@y7mail.com
Subject: Susan Glancy Objection to Development Application
Attachments: Susan Glancy Objection to Development Application.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway

Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680

P (07) 4970 0700 | [W www.gladstone.qld.gov.au](http://www.gladstone.qld.gov.au)

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From: Susan Glancy <smg48@y7mail.com>
Sent: Thursday, 2 September 2021 4:21 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Fw: Susan Glancy Objection to Development Application

[Sent from Yahoo Mail on Android](#)

----- Forwarded message -----

From: "GCCOTA" <admin@gccota.org.au>
To: "smg48@y7mail.com" <smg48@y7mail.com>
Cc:
Sent: Thu, 2 Sep 2021 at 10:43 am
Subject: Susan Glancy Objection to Development Application

Your message is ready to be sent with the following file or link attachments:

Susan Glancy Objection to Development Application.pdf

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<u>PERSON MAKING SUBMISSION</u>	
Name:	SUSAN GLANCY
Residential Address:	5 Rhodes ST Calliope
Phone Number:	0403518873
Email:	smg48@Y7 MAIL.COM

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

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Regards,

Signature:	
Name:	SUSAN GLANCY
Date:	2-9-2021
Email to:	info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 2 September 2021 1:45 PM
To: trent@centralfluidpower.com.au
Subject: Objection to DA_25_2021 Hydrogen Plant
Attachments: Ojection to DA_25_2021 Hydrogen Plant.docx

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Trent Keenan <trent@centralfluidpower.com.au>
Sent: Thursday, 2 September 2021 1:44 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to DA_25_2021 Hydrogen Plant

Please find attached my objection to the proposed location (Derby Street – South Gladstone 4680) of the proposed Hydrogen plant.

Regards

Trent Keenan
0407655069

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RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	Trent Keenan
Residential Address:	28 Billabong Drive Gladstone Q 4680
Phone Number:	0407655069
Email:	trent@centralfluidpower.com.au

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
2. The plant does not fit into the nearby residential buildings, school or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.
3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People

need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).

4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.
6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?
7. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.
8. Buried deep in the proposal around the land tenure is the following clause...

" Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Signature:	<i>Trent Keenan</i>
Name:	Trent Keenan
Date:	2/9/2021
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Monday, 6 September 2021 8:08 AM
To: rheanna.nagy@hotmail.com
Subject: DA/25/2021 Hydrogen Park Gladstone Subsequent Submission
Attachments: DA-25-2021 Subsequent Submission REV1_NAGY.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Rheanna Nagy <rheanna.nagy@hotmail.com>
Sent: Friday, 3 September 2021 8:09 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Fw: DA/25/2021 Hydrogen Park Gladstone Subsequent Submission

Good Evening,

Please find attached our amended Submission in relation to DA/25/2021.

Kind Regards,
Rheanna Nagy
M: 0434 551 651
E: rheanna.nagy@hotmail.com

From: Rheanna Nagy <rheanna.nagy@hotmail.com>
Sent: Wednesday, 1 September 2021 3:42 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Fw: DA/25/2021 Hydrogen Park Gladstone Subsequent Submission

Good Afternoon,
Please find attached a subsequent submission for the development application DA/25/2021.

Thanks for your time.

Kind Regards,

Rheanna Nagy

M:0434 551 651

E: rheanna.nagy@hotmail.com

From: Rheanna Nagy

Sent: Thursday, 26 August 2021 4:26 PM

To: Info (Mailbox) <info@gladstone.qld.gov.au>; mayor@gladstone.qld.gov.au <mayor@gladstone.qld.gov.au>; kahn.goodluck@gladstone.qld.gov.au <kahn.goodluck@gladstone.qld.gov.au>; gladstone@parliament.qld.gov.au <gladstone@parliament.qld.gov.au>

Subject: DA/25/2021 Hydrogen Park Gladstone Submission

Good Afternoon,

Please find a submission attached regarding DA/25/2021, Hydrogen Park Gladstone.

I have previously requested a copy of the application and called the council office but I am yet to hear back.

Also wondering if there be a community consultation opportunity for this development?

Kind Regards,

Rheanna Nagy

M:0434 551 651

E: rheanna.nagy@hotmail.com

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to [Privacy](#) or [Right to Information](#).

Address: Lot 43 SP165451, Derby Street, South Gladstone, 4680.

Proposal: Development Permit for material Change of use – Renewable Energy Facility (hydrogen Production and Blending) and Utility Installation (gas Distribution)

Rheanna and Ernie Nagy – 18 Sanctuary Place, South Gladstone QLD 4680

Mobile: 0434 551 651 Email: rheanna.nagy@hotmail.com

Development Objection Period: 14th August 2021 to September 3rd

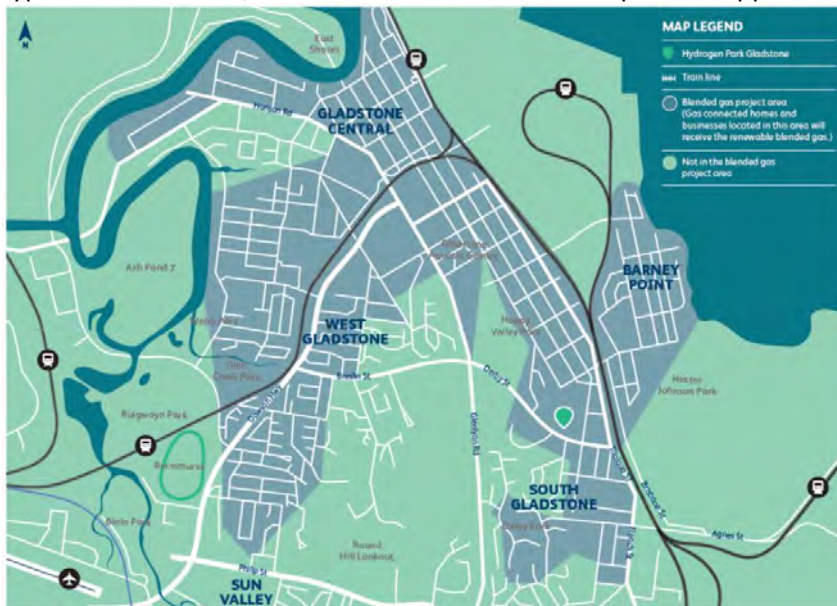
Amendment to previous submission, submitted 01/09/21 – additional notes of opposition.

Attention: Assessment Manager - GRC

After further review of the online attachments of DA/25/2021, we would like to add the below aspects to the opposition of the DA for the location of the Proposed Gladstone Hydrogen park.

I'm not opposed to the project, I'm quite excited about renewables and low carbon energy sources, however vision I have of the intent of this project with export capability is too large for suburbia residential South Gladstone. This project, in this location presents avoidable and unnecessary increased risk to the public, the people that live, commute and go to school in the immediate area. Please consider the following attributes in opposition to the selected location.

Council have the final approval of the change of material use of the land in their jurisdiction, I reach out those evaluating the proposal to reject the DA and force the consortium along with AGN and AGIG to present an alternative location in Gladstone in a less interactive area, more suited to this type of business risk, that caters for the full-scale expansion opportunities out lined in DA, ie outside



Gladstone domestic gas distribution area. Many options within this area to upgrade city gate valve and establish small hydrogen blending facility outside of Residential areas

Planning - Use of Community Land

The site of the proposed development is located within the Community Facilities Zone under the planning scheme. Surrounding land is zoned low density residential, community facilities and open space.

Figure 3-1 Gladstone Regional Council Planning Scheme Zoning



Assessment against Community Facilities Zone Code

- 3.3.6.1 Community Facilities Zone Code The purpose of the community facilities zone code is to:
 - (a) provide for community related activities and facilities whether under public or private ownership;
 - (b) ensure all communities have access to a range of community services and facilities which meet local needs; and
 - (c) locate higher order community facilities generally in the Gladstone urban area.Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social or cultural nature. The purpose of the zone code clearly provides for the development of facilities and municipal services that meet the needs of the local Gladstone Community.

The code makes no mention of renewable energies. Explain why council should amend the "purpose of use" of community land for private business ventures like this ?

- With child care facilities in town overloaded, elderly respite centre stretched, and minimal aged care facilities, surely Community land should be used to benefit the whole of the Gladstone community in a sustainable way supplying services to the greater community for the betterment of those living in the Gladstone region. This project reaches only estimated 770 users of domestic gas, not a large benefit to the community of 35 thousand people in the Gladstone district. This does not benefit the greater community based on the claim of 10% injection to existing gas customers.

- The DA does not address P09, P10 or P11 satisfactorily regarding non community activities or limitations to future community activities. Just because council use is for bulk storage yard does not mean this project classifies as a community project and can draw a comparison to current usage. The comment around the balance of site for other community activities is floored. Building a hydrogen plant on this location does limit the future potential for further community developments. Who would develop an retirement home or childcare next to this facility? You've given the whole block up for this little piece of area leased.

For all assessable development		
Uses		
PO9 Non community related activities only occur where they: (c) support or are otherwise complementary, to the community related activities or facilities on the site, and	AO9 Development for a shop or food and drink outlet is: (e) a maximum of 150m ² ; and (f) part of the building including community related activities.	Complies with PO9 The proposed development is compatible with the former use of the site as a Council bulk storage yard and will not prejudice the use of the balance of the site for other community related activities in the future.

Planning Assessment | Australian Gas Networks Limited 67

Performance outcomes	Acceptable outcomes	Response
(d) are subordinate to those community activities or facilities.	Otherwise no acceptable outcome is nominated	

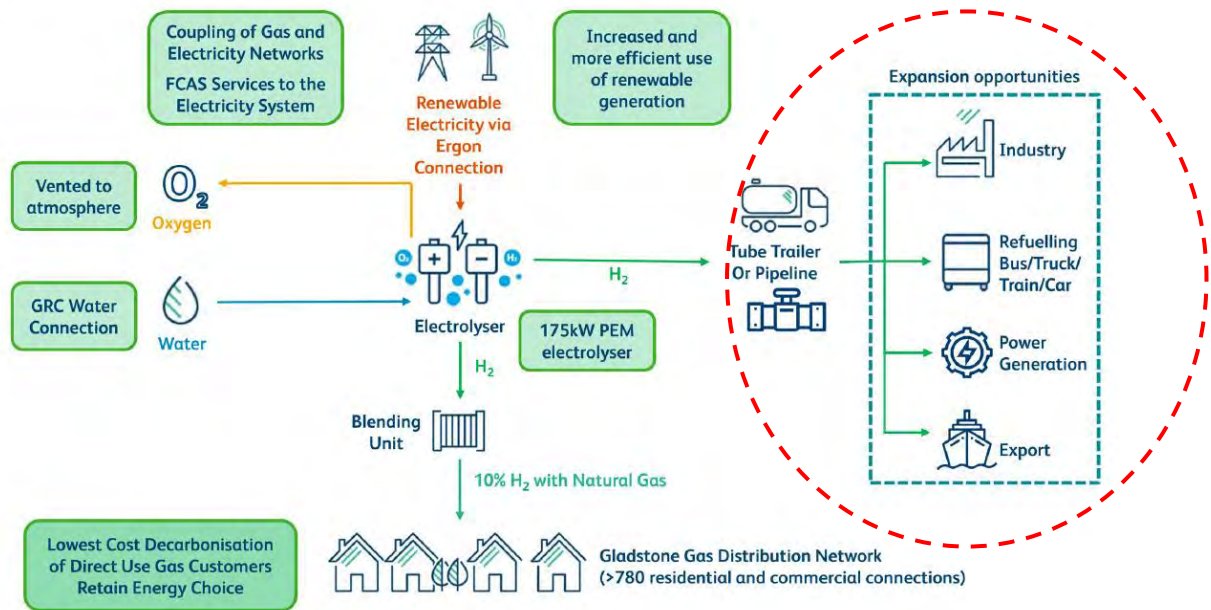
Transparency – Keep the end Game in mind.

Based on the vision of the consortium and the big picture from government, the small hydrogen plant proposed really ends up much larger facility as per SA plant for export of hydrogen. This DA does not take into consideration the full-scale impacts to community. Council must consider the end game of where this is all headed before approving the use of land.



- What does the site look like in 5-10 years. Public information states “Originally starting with Domestic offtake, mobility solutions and moving to large scale export.” What does the site look like with this vision in mind. A much larger eyesore facility located in residential suburbia.
- Taken from 2.1 page 15 of the submission it is clear that expansion of site is imminent. See following graphic highlight in Red circle. Note As discussed with AGN they will be refuelling or loading trailers as part of this DA.

Figure 2-1: HyP Gladstone Project Elements*



Renewable Energy usage for Hydrogen generation.

- With 6 coal fired generators in Gladstone, 4 at Stanwell and another 6 at Callide, 3 at RTAY plus 1 gas turbine, 7 boilers and 3 gas fired package boilers at QAL, explain where the renewable power is coming from to make this a renewable project. Where is the onsite solar or wind generation powering this initiative? To say the project has value due to the purchase of green power is fantastic for the facility, how is this monitored? Gladstone doesn't have a large uptake of solar .

Traffic

- There are numerous of accidents at the intersection of Derby and Ann street during the years of living in the area. Pull the data from the police department. Additional and regular activity at this site adds increased risk. Especially during construction and commissioning, there will be a large increase in traffic competing with school traffic at peak times. Also Consider Traffic disturbance with pending install of power across Derby street and Tie into sewage network in Ann Street.
- DA only addresses impact based on the initial traffic load to generation and injection plant, does not mention refuelling or export as per DA intent. Further expansion for additional H2 export will see increased trucking movements causing considerable increase in heavy vehicle movement in and out of the facility. When will the export traffic be taken into consideration? next submission?
- Will a pedestrian crossing be put in to cater for foot traffic currently (school kids and parents) walking to and from South school on Derby Street adjacent to proposed installation.
- More heavy trucking movement – When hydrogen is transported off the site going forward, the increased risk needs consideration given transport is likely to via Toolooa street to

Benaraby Road going south and will have to pass via South school. Here is the new enemy to school children walking/riding past the entry to the facility on their way to and from school. If this were in an industrial zone, there are minimal interactions with school kids.



- Gladstone rate payers have funded along with the state a recent bypass road to take trucking out of residential areas. This location does not take advantage of this initiative. The Port has land with domestic gas connection, has this area been explored by the applicant and hence make use of this infrastructure. Explain how increased trucking is a positive move in this suburban location. How does this location make use of the bypass road initiative? As per GRC media below?

We are progressing a project to provide an alternate route for heavy vehicles accessing the Port of Gladstone to increase freight efficiency and improve safety for local motorists.

Dust

- The DA has listed negligible additional dust generation from the existing gravel road and hence it will not be sealed. Check the council records, I have made a number of complaints regarding dust from this area, the grate does not stop dust going onto the road as detailed. Council has indicated they will use a water truck regularly when working in the area, this does not always happen and dust generation is real and will continue to be a problem if not sealed. The DA talks of use of water truck, how will this be policed.
- DA only addresses impact based on the initial traffic load to generation and injection plant. Further expansion for export will see increase trucking movements causing considerable dust generation
- Artist impression on public media gives a different impression with sealed roads, contradictory and misleading compared to DA.



Noise


- Noise Modelling report presented by Asset Integrity consultants clearly states, no back ground noise measurements been done as part of the report, it is a recommendation of the report that this be done. Noise modelling conducted on assumed values generated from noise industry data. Can back ground data be collected and report reissued with accurate, in situ data prior to any approval proceeding in favour of the application.
- Noise Report conclusion states the plant noise will be overlayed by back ground traffic noise. If operated 24/7, night time traffic data demonstrates 130 vehicle movements in 9 hours, that's approx. 15 per hour or 1 every 4mins. How can traffic overlay the noise of the plant if traffic is not continuous? After speaking with AGN, its not the intention to operate 24/7 but have the capability to do, so noise modelling done on this basis.
- Will there be strict operating hours in place for the facility? Is this in the lease arrangement?

Table 2-3: Hourly Weekly Average Traffic for Derby Street

Description	Daytime, 7:00 am – 6:00 pm	Evening, 6:00 pm – 10:00 pm	Night, 10:00 pm – 7:00 am	Daily percentage heavy vehicles
Eastbound	322	105	58	4.5%
Westbound	382	114	69	7.6%

- Noise modelling profile map shows a maximum profile of 63Db. Equipment vendor specifications identify equipment ratings at 89 Db eg Process water plant? Is this clever modelling to present a favourable case?

APPENDIX-2B

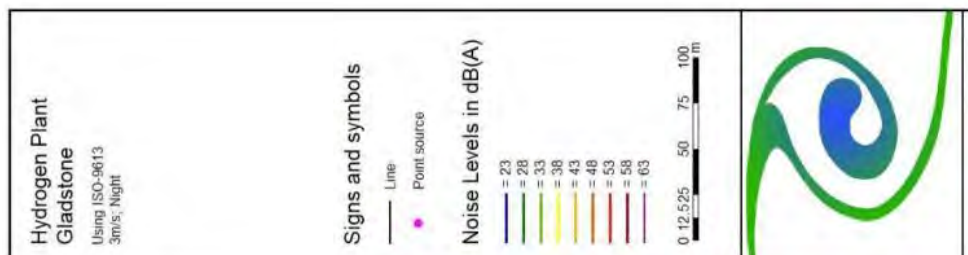


Technical Datasheet

<p>Framesize 90</p> <p>* Note: For indicative cable sizing the "Fan Full Load Current" and the corresponding "Nominal Voltage" have to be used.</p> <p>1 x 3ph 4.0kW Process water pump - 205l/m @ 35m head</p> <hr/> <p>AERODYNAMICAL DATA - UNITARY</p> <p>Air flow (100% RPM/100% RPM) 4.6 / 4.6 m³/s</p> <p>Number of fans 2</p> <p>Fan type Centrifugal</p> <p>Approximate Fan speed 781 RPM</p> <hr/> <p>HYDRAULICAL DATA - UNITARY</p> <p>Total pressure drop (@2.4 / 2.5) 3.0 / 4.0 kPa</p> <p>Standard unit 3.0 / 4.0 kPa</p> <p>Spray water flow (1x) 4.7 l/s</p> <p>Maximum evaporation 0.047 / 0.049 l/s</p> <p>Bleed (cycles of concentration 2.5) 0.032 / 0.033 l/s</p>	<p>Make-Up (cycles of concentration 2.5) 0.079 / 0.082 l/s</p> <p>Pan volume operating 100 l</p> <p>Pan volume overflow 210 l</p> <p>Pressure range mechanical make-up valve 1 to 4.5 bar</p> <p>Pressure drops are calculated without taking into account the pipe length</p> <hr/> <p>Acoustical data (Standard unit no attenuation)</p> <p>100 % RPM (@ 15.0m) 53 dB(A)</p> <p>Sound Power Level (@100 %RPM) 89.0 dB(A)</p> <p>All acoustical data as sound pressure levels at quietest side of unit at indicated distance</p> <p>note</p> <p>For safety reasons ladders are only allowed in combination with railing</p>
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Figure 3-1: Predicted noise contours for Hydrogen plant, $L_{Aeq, 15min}$ dBA.



- Noise Survey in DA attachment does not consider operational alarms (if any). AGN has confirmed this will be an unmanned plant, please explain the gas and fire detection alarm systems in the design and what Db they will operate at.
- AGN has confirmed on call maintenance people will mobile via existing contractor from Rockhampton. If audible alarms, (which gas plants tend to have), on call maintenance /operations person could be 2hours away to silence alarm. What's the Db rating of these alarms? normally well above equipment operating levels, and what impact do these present to the modelling data if included?
- Spurious Alarms – My experience with gas detection systems is that spurious alarms are common due to moonlight reflection into sensors or sunlight reflection into sensors (usually from valve and instrument tags). Explain how spurious audible alarms will be managed to avoid nuisance noise to day and shift workers that live in the area.

Weather Data

- Use of Gladstone airport weather data for wind rose may not be 100% accurate for this location. Location is much closer to coastline where prevailing winds differ from airport. Obtaining Data from South School weather station and/or QAL onsite weather station would be more accurate to determine the real impact to nearby residents, especially the dusting issue that will continue to be generated

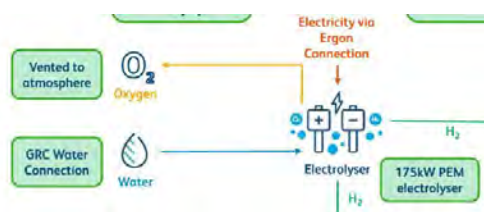
Aesthetics

- How good does this look in residential South Gladstone? Prison style fencing (required to keep the school kids out). No improvement to gravel road entry. This fencing style normal for industrial precinct, not suburbs. What a disgrace. Even hidden behind the trees from Derby Street, those residents high on Anne street will have to look at this when casting an eye to Mount Larcom. No screens are planned for visual and audio interruption for this tenants



Fire Systems.

Not sure if this even meets code, but DA outlines there will be no fire fighting systems installed. AGN has indicated they will abide by recommendations of QRFS. Interesting given hydrogen gas is the most flammable gas on the periodic table with the lowest activation energy for ignition. Also the electrolysis process vents O₂ at a height of 5.5 m vent pipe- another extremely flammable gas. Has a dilution study been performed to determine dispersion rate of O₂ given the sheltered location from Ann street. Is it possible for concentrated O₂ to exist above LEL and ignite?



I guess will have to rely on QRFS ?

Risk Assessment. – What is the Risk?

- AGN has confirmed that they have not completed a Quantitative Risk Assessment nor a Safety case for the Hydrogen generation or blending systems.
- Without a QRA or safety case how will council establish the risk level of this installation and the capability of AGN to safely operate and maintain the asset. How will the Assessor make an informed decision on risk without these details.
- See definitions below. Not uncommon practice for the Gas industry.

Quantitative Risk Assessment – QRA

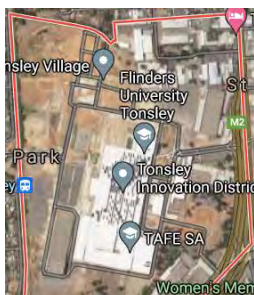
A Quantitative Risk Assessment (QRA) is a formal and systematic risk analysis approach to quantifying the risks associated with the operation of an engineering process. A QRA is an essential tool to support the understanding of exposure of risk to employees, the environment, company assets and its reputation. A QRA also helps to make cost effective decisions and manages the risks for the entire asset lifecycle.

What does a safety case do? ^

A safety case is a **written demonstration of evidence and due diligence provided by a corporation to demonstrate that it has the ability to operate a facility safely and can effectively control hazards**. The primary use of safety cases in an occupational health and safety context is in the process industries.

Site Options Analysis

- AGN detailed the need to change out the city gate valve train from current location. It seems this need and the desire to capture a blended gas opportunity has driven the logical location of choice that suits AGN not the community.
- AGN was asked what other site locations were explored and why was this site chosen? When asked about why this location, AGN response was around the need to change the city gate due to the existing on Breslin street being in a flood area. Can council confirm this is a flood area? Additionally, to this need it presents an opportunity to set up a blending station” in the most cost effective location with minimum amount of additional gas line to run to a domestic connection. “
- AGN was asked whether there are the other/alternative locations studied to enable domestic gas injection? “It’s difficult in other locations, this one presents most favourable”. So, other locations have been considered but not entertained due to commercial value at the cost of residents lifestyle.
- Existing AGIG facility located in Tonsley SA looks like a much better thought out option within city limits. Built in a designated Innovation district. – No schools or residential dwellings within 90m of facility. This is how you do it, can council suggest alternative sites to explore?



-

Hydrogen Jobs for the Community?

Gladstone Hydrogen Park will be controlled and monitored remotely from Perth WA.

Gladstone Hydrogen park will be maintained by an AGN contractor company operating out of Rockhampton (at this point an hour and a half from site).

AGIG provides no confidence or indication as to whether there will be sustainable jobs for Gladstone residents on this project, during and/or post construction.

Alternatives to the Gladstone Hydrogen Park.

If the City gate needs upgrading then do so. This is owned by AGN and they're responsible for the up keep.

With the other Hydrogen projects announced at Aldoga, the main transition line to town can be charged with Hydrogen and supplied to the domestic customers and industry. We don't need AGN to supply blended gas if the other large projects can do so in the longer term. Upgrade the existing city gate valve station at a better location than Breslin Street and let the Hydrogen come Aldoga.

Conflict of Interest and Due process

Is there a conflict of interest to be considered?

Technically, a complaint could be made to Queensland Crime and Corruption Commission for investigation into the potential fairness and legality of the administrative actions taken by Council in this commercial exchange; seeing community land has been repurposed and a lease agreed to with a DA applicant prior to community consultation.

As the trustee of the site, the GRC has consented to the lease of the site to AGN. Hence by agreeing to a 30 year lease; GRC has effectively approved the site for use without community consultation.

An onsite photo with the Mayor of Gladstone, State ministers and Applicant parties, it appears GRC are bypassing proper process by assuming the deal is done. Development Application Signs laying down in the bush, not on display.

Community consultation has been poor, most adjacent neighbours are without knowledge, prior to community outrage on social media five days before submissions close.

Can council validate there is no wrong doings here and correct planning and due process has been followed?

Fire Safety

Is there a Fire management plan in place for the facility, generally this would be covered in the Facility Safety Case, but as mentioned above, it has not be submitted. This also brings to question whether there is a bushfire management plan, conscious that our local Fire Station will be managing community emergencies and this plant should not rely on local resources that rate payers should have priority for.

Cultural Heritage

We noticed there has been no Cultural Heritage Plan submitted, please advise how the local Gooreng Gooreng, Byellee, Gurang and Taribelang Bunda Peoples have been consulted regarding this land use.


Ecology/Flora/Fauna Studies

Please advise whether there were any ecological studies done, including local fauna, flora.

Engagement Requests

For capture during this submission period residents have reached out to council and the local state Member for Regional Development, however, neither were available during the submission time.

Thank you for your support and consideration in this matter.



Rheanna and Ernie Nagy



Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 4:55 PM
To: adam.l.thetford@gmail.com
Subject: Objection of Development Application DA/25/2021
Attachments: Objection to DA_25_2021.docx

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Adam Thetford <adam.l.thetford@gmail.com>
Sent: Friday, 3 September 2021 4:43 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection of Development Application DA/25/2021

03/09/2021

The Assessment Manager
Gladstone Regional Council
Developments Department

RE: Objection of Development Application DA/25/2021

Dear Sir/Madam.

I am writing to convey my objection to the proposed development of a Hydrogen Production, Blending and distribution facility in Derby St.

While I am fully supportive of the development of this, or any other such facility, I do object to the proposed location of this facility. Given the expanse of industrial land in the Gladstone region, I feel that there are many other more suitable locations for this facility to be located.

I feel that the proposed design is incompatible with the surrounding area, given that it is a fenced industrial facility proposed to be located within a residential suburb – approximately 60m from the nearest residential boundary. The proposed location is also contained in a very leafy green belt of Gladstone, this facility would sharply contrast with the surrounding natural environment. Likewise, it does not match any of the existing houses/suburbs, school, TAFE or sports oval.

While the development application does not detail expected traffic volumes, the minimal existing traffic does already generate a noticeable amount of dust on the gravel access road, this will only be increased by the operation of this facility, causing airborne dust as well as dirt and rocks to get carried out onto Derby St.

Thankyou for your consideration of an alternative location for this facility.

Sincerely,

Adam Thetford

5 Lakefield Ct Gladstone DLQ 4680

Adam.L.Thetford@gmail.com

0427 116 693

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The Assessment Manager
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Dear Sir/Madam.

I am writing to convey my objection to the proposed development of a Hydrogen Production, Blending and distribution facility in Derby St.

While I am fully supportive of the development of this, or any other such facility, I do object to the proposed location of this facility. Given the expanse of industrial land in the Gladstone region, I feel that there are many other more suitable locations for this facility to be located.

I feel that the proposed design is incompatible with the surrounding area, given that it is a fenced industrial facility proposed to be located within a residential suburb – approximately 60m from the nearest residential boundary. The proposed location is also contained in a very leafy green belt of Gladstone, this facility would sharply contrast with the surrounding natural environment. Likewise, it does not match any of the existing houses/suburbs, school, TAFE or sports oval.

While the development application does not detail expected traffic volumes, the minimal existing traffic does already generate a noticeable amount of dust on the gravel access road, this will only be increased by the operation of this facility, causing airborne dust as well as dirt and rocks to get carried out onto Derby St.

Thankyou for your consideration of an alternative location for this facility.

Sincerely,

Adam Thetford
5 Lakefield Ct Gladstone DLQ 4680
Adam.L.Thetford@gmail.com
0427 116 693

Shaunte Farrington

From: Info (Mailbox)
Sent: Monday, 6 September 2021 8:06 AM
To: geoffrey.w.rohde@gmail.com
Subject: 20210903 - Geoff Rohde Objection to Development Application DA/25/2021
Attachments: Objection to DA 25 2021 - Geoff Rohde.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Geoffrey Rohde <geoffrey.w.rohde@gmail.com>
Sent: Friday, 3 September 2021 7:12 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: 20210903 - Geoff Rohde Objection to Development Application DA/25/2021

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to [Privacy](#) or [Right to Information](#).

Objection to Development Application DA/25/2021

Address - Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680

Proposal - Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

Development Objection Period Dates - 13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Geoff Rohde

Residential Address: 24 Dixon Drive, Telina

Phone Number: 0490 049 093

Email: geoffrey.w.rohde@gmail.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
2. The plant does not fit into the nearby residential buildings, school or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.
3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and afterhours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).
4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.

6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?

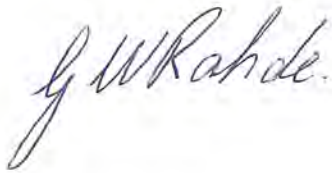
7. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.

8. Buried deep in the proposal around the land tenure is the following clause...

" Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)-section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Signature:

A handwritten signature in black ink, appearing to read 'G. W. Rohde', written in a cursive style.

Geoffrey Rohde

3 September 2021

Shaunte Farrington

From: Info (Mailbox)
Sent: Monday, 6 September 2021 8:08 AM
To: jakedubois17@gmail.com
Subject: Objection to Hydrogen Plant Development
Attachments: Objection_to_Hydrogen_Plant_Development_Application.docx.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Jake dubois <jakedubois17@gmail.com>
Sent: Friday, 3 September 2021 9:33 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to Hydrogen Plant Development

Dear Sir/Madam

Please see enclosed my signed objection to the hydrogen plant development at Derby St. This is as per the research and guidance provided by Mark Veech to local residents like myself.

Kind Regards,
Jake Dubois

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to [Privacy](#) or [Right to Information](#).

RE: Objection to Development Application

DA/25/2021

- Address

Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680

- Proposal

Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

- Development Objection Period Dates

13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Jake Dubois

Residential Address: 190 Oaka Street,
South Gladstone, 4680

Phone Number: 0437836568

Email: jakedubois17@gmail.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
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5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.

6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?

7. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.

8. Buried deep in the proposal around the land tenure is the following clause...

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Regards,

Signature:



Name: Jake Dubois

Date: 03-Sep-2021 | 21:31 AEST

Shaunte Farrington

From: Info (Mailbox)
Sent: Monday, 6 September 2021 8:03 AM
To: jeffreywalker600@gmail.com
Subject: Objection to Development Application DA/25/2021
Attachments: Objection Letter - MCU Derby Street.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Jeffrey Walker <jeffreywalker600@gmail.com>
Sent: Friday, 3 September 2021 4:58 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to Development Application DA/25/2021

Attention: Assessment Manager

To whom it is concerned,

Please see attached a letter containing my objection to the proposed development at Lot 43 Derby Street, South Gladstone.

Regards,

Jeffrey Walker

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to [Privacy](#) or [Right to Information](#).

RE: Objection to Development Application

DA/25/2021

• Address

Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680

• Proposal

Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

• Development Objection Period Dates

13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Jeffrey Walker

Residential Address: 10 Solonika Court, South Gladstone, QLD, 4680

Phone Number: 0437 220 787

Email: jeffreywalker600@gmail.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
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Regards,

Signature: *J Walker*

Name: Jeffrey Walker

Date: 03.09.21

Email to: Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Monday, 6 September 2021 8:07 AM
To: jill.m.rohde@gmail.com
Subject: 20210903 - Jill Rohde Objection to Development Application DA/25/2021
Attachments: Objection to DA 25 2021 - Jill Rohde.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Jill Rohde <jill.m.rohde@gmail.com>
Sent: Friday, 3 September 2021 7:17 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: 20210903 - Jill Rohde Objection to Development Application DA/25/2021

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to [Privacy](#) or [Right to Information](#).

Objection to Development Application DA/25/2021

Address - Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680

Proposal - Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

Development Objection Period Dates - 13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Jill Rohde

Residential Address: 24 Dixon Drive, Telina

Phone Number: 0490 049 125

Email: jill.m.rohde@gmail.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

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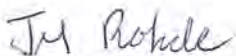
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Regards,

Signature:



Jill Rohde

3 September 2021

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 4:55 PM
To: Planning (Mailbox)
Subject: FW: Please find attached and objection to Development application DA/25/2021
Attachments: IMG_20210903_0001.pdf

Please find below email received. Please note, this has not been registered in ECM.

If this email does not relate to your Department, please advise the Records Team.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | [W www.gladstone.qld.gov.au](http://www.gladstone.qld.gov.au)

CONNECT. INNOVATE. DIVERSIFY.

From: Info (Mailbox) <info@gladstone.qld.gov.au>
Sent: Friday, 3 September 2021 4:55 PM
To: laniclements@hotmail.com
Subject: Please find attached and objection to Development application DA/25/2021

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | [W www.gladstone.qld.gov.au](http://www.gladstone.qld.gov.au)

CONNECT. INNOVATE. DIVERSIFY.

From: Lani Clements <laniclements@hotmail.com>

Sent: Friday, 3 September 2021 4:51 PM

To: Info (Mailbox) <info@gladstone.qld.gov.au>

Subject: Please find attached and objection to Development application DA/25/2021

Dear Sir/Madam,

Please find enclosed a formal objection to the Development application DA/25/2021.

Kind regards,

Lani Clements

12 The Esplanade

Gladstone QLD 4680

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to [Privacy](#) or [Right to Information](#).

RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	Lari Clements
Residential Address:	12 The Esplanade
Phone Number:	0408 784 876
Email:	lari.clements@hotmail.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

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8. Buried deep in the proposal around the land tenure is the following clause...

" Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Signature:	<i>L. J. Clements</i>
Name:	<i>Lani Clements</i>
Date:	<i>3/9/21</i>
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Monday, 6 September 2021 8:07 AM
To: luther.rohde@gmail.com
Subject: 20210903 - Luther Rohde Objection to Development Application DA/25/2021
Attachments: Objection to DA 25 2021 - Luther Rohde.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

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From: Luther Rohde <luther.rohde@gmail.com>
Sent: Friday, 3 September 2021 7:27 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: 20210903 - Luther Rohde Objection to Development Application DA/25/2021

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Objection to Development Application DA/25/2021

Address - Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680

Proposal - Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

Development Objection Period Dates - 13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Luther Rohde

Residential Address: 5 Harrier Avenue, New Auckland

Phone Number: 0490 089 118

Email: luther.rohde@gmail.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
2. The plant does not fit into the nearby residential buildings, school or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.
3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and afterhours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).
4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.

6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?

7. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.

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Regards,

Signature:

A handwritten signature in black ink, appearing to be 'Luther Rohde', written in a cursive style.

Luther Rohde

3 September 2021

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 3:52 PM
To: dave@tfp.net.au
Subject: Objection to DA /25/2021 A. Wilson.
Attachments: Objection to Development Application DA252021 - A Wilson 030921.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

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From: Dave Walters <dave@tfp.net.au>
Sent: Friday, 3 September 2021 3:16 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to DA /25/2021 A. Wilson.

Dear Sir / Madam
Please see my signed objection to this application

Sent on behalf of A. WILSON.

regards

Dave Walters FCPA

Phone: (07) 4972 0013
Email: dave@tfp.net.au



87 Auckland Street, Gladstone QLD 4680
PO Box 5281, Gladstone QLD 4680

Dave Walters and Wingillie (QLD) Pty Ltd T/As Triumph Financial Planning are Authorised
Representatives of Capstone Financial Planning Pty Ltd ABN 24 093 733 969 | AFSL 223135.

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RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	AMANDA WILSON
Residential Address:	22 INGRA CLOSE, GLEN EDEN QLD 4680
Phone Number:	0407-134353
Email:	ajw_76@hotmail.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:


1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
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Regards,

Signature:	
Name:	AMANDA WILSON
Date:	03/09/2021
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 8:26 AM
To: bradbarb@bigpond.com
Subject: Emailing: Objection to Development Application DA 25 2021
Attachments: Objection to Development Application DA 25 2021.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards

Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

-----Original Message-----

From: Brad & Barbara <bradbarb@bigpond.com>
Sent: Friday, 3 September 2021 8:07 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Emailing: Objection to Development Application DA 25 2021

Your message is ready to be sent with the following file or link attachments:

Objection to Development Application DA 25 2021

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relating to Privacy <<http://www.gladstone.qld.gov.au/web/guest/privacy>> or Right to Information.
<<http://www.gladstone.qld.gov.au/right-to-information>>

RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	BARBARA HOBGATE and BRADLEY WEST
Residential Address:	6 CLIPPER TLE GLADSTONE
Phone Number:	0400 093 050
Email:	bradbarb@bigpond.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

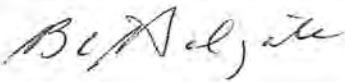

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
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Regards,

Signature:	 
Name:	BARBARA HOLGATE BRADLEY WEST
Date:	03/09/2021
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 3:50 PM
To: dave@tfp.net.au
Subject: Objection to Development Application DA/25/2021
Attachments: Objection to Development Application DA252021 - David Walters 030921.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

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From: Dave Walters <dave@tfp.net.au>
Sent: Friday, 3 September 2021 2:48 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to Development Application DA/25/2021

Dear Sir/Madam
Please see my objection to the above DA

regards

Dave Walters FCPA

Phone: (07) 4972 0013
Email: dave@tfp.net.au



87 Auckland Street, Gladstone QLD 4680
PO Box 5281, Gladstone QLD 4680

Dave Walters and Wingillie (QLD) Pty Ltd T/As Triumph Financial Planning are Authorised
Representatives of Capstone Financial Planning Pty Ltd ABN 24 093 733 969 | AFSL 223135.

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- accepts any responsibility for any person acting, or refraining from acting, on the basis of the information contained in this document.*

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RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	DAVID WALTERS
Residential Address:	6 SANCTUARY PLACE SOUTH GLADSTONE. QLD. 4680
Phone Number:	0457 757 779
Email:	dave @ fff.net.au

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

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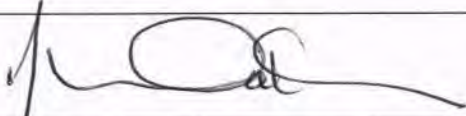
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Regards,

Signature:	
Name:	DAVID WALTERS
Date:	3-9-21
Email to:	Info@gladstone.qld.gov.au

PLUS 9. Hydrogen is extremely dangerous and any explosion would cause considerable damage as seen in a recent incident at Callide Power station.

10. Any project such as this one provides an unacceptable risk to the community and close residents - ME - and must be positioned out of town where land for this purpose already exists.



Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 11:15 AM
To: danthony0615@yahoo.com.au
Subject: Hydrogen plant objection
Attachments: Ojection to DA_25_2021 Hydrogen Plant.docx

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

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From: David Williams <danthony0615@yahoo.com.au>
Sent: Friday, 3 September 2021 11:10 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Hydrogen plant objection

[Sent from Yahoo7 Mail on Android](#)

Please find attached my formal objection to the proposed Hydrogen Plant on Derby Street Gladstone.

Regards
David Williams
Marlock Court
Gladstone

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RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	David Williams
Residential Address:	10 Marlock Court KinKora
Phone Number:	0417190087
Email:	Danthony0615@yahoo.com.au

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
2. The plant does not fit into the nearby residential buildings, school or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.
3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People

need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).

4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.
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8. Buried deep in the proposal around the land tenure is the following clause...

" Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Signature:	David Williams - Call me for verification
Name:	David Williams
Date:	02/09/2021
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 10:21 AM
To: jefhel12@bigpond.com
Subject: Emailing: Image (91).jpg
Attachments: Image (91).jpg; Emailing: Image (92).jpg

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards

Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

-----Original Message-----

From: jefhel12@bigpond.com <jefhel12@bigpond.com>
Sent: Friday, 3 September 2021 10:16 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Emailing: Image (91).jpg

--

This email has been checked for viruses by AVG.
<https://www.avg.com>

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<u>PERSON MAKING SUBMISSION</u>	
Name:	JEFFREY AND HELEN REEVES
Residential Address:	6 OUSTON PLACE, GLADSTONE, 4680
Phone Number:	0406 930 945
Email:	jefhel12@bigpond.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

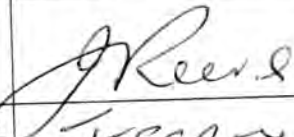
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Regards,

Signature:	
Name:	JEFFREY REEVES
Date:	2.9.21
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 4:14 PM
To: john.feddersen@y7mail.com
Subject: DA 25 2021 Hydrogen Production and Blending proposal Objection to the proposed use
Attachments: Submission on proposed hydrogen plant situated inner city 1 Sept 2021.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

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From: John Feddersen <john.feddersen@y7mail.com>
Sent: Friday, 3 September 2021 4:11 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: DA 25 2021 Hydrogen Production and Blending proposal Objection to the proposed use

Attached is an objection to the proposed Material change of Use.

Please acknowledge receipt of this letter.

Thanks

John Feddersen

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The Assessment Manager,
Gladstone Regional Council,
PO Box 29
GLADSTONE QLD 4680

Dear Sir / Madam,

**Material Change of Use - Impact - Renewable Energy Facility
(Hydrogen Production and Blending) and Utility Installation
(Gas Distribution)
Application ref: DA/25/2021**

Background

Hydrogen will play an important part in reducing future greenhouse gas production. Australian Gas Networks (AGN) is proposing to build a hydrogen production plant in Derby Street, opposite the TAFE college, and inject the hydrogen into the domestic gas reticulation system in Gladstone. The boundary of the proposed plant lease area will be about 130m from South Gladstone State School, across the road from the Little Athletics field at TAFE, and a similar distance to many private residences and the Council depot in the area.

Summary of Concerns

Two major concerns are addressed in this submission:

1. The proposed hydrogen plant will present an unacceptable explosion risk, being in close proximity to a school and private residences. It will not be possible to eliminate this risk.
2. A likely increase in noise, both continuous and intermittent, will be unacceptable to nearby residents. The noise study relies on assumed background data and thus is fundamentally flawed.

The solution to both of these concerns is to locate hydrogen production facilities of any size at the Aldoga Industrial Estate, a safe distance from centres of population. This should become a matter of principle and policy with Gladstone Regional Council.

Explosion Risk

Hydrogen is a highly explosive gas. It has an explosive range of 4% - 74% in air, compared to natural gas/methane of 5% - 15%. Hydrogen also requires very low ignition energy compared to natural gas. The production of hydrogen in any quantity presents a potential explosion hazard. The boundary of the proposed Hydrogen Park Gladstone lease area will be about 130m from South Gladstone State School, across the road from the Little Athletics field at TAFE, and a similar distance to many private residences and the Council depot in the area. A hydrogen explosion at the facility would have two outcomes. The first will be a blast pressure wave which could shatter windows and burst eardrums. The second could be metal projectiles from failed equipment being launched towards populated areas. Even the slightest probability of these events occurring should deem the plant unsafe to operate in the proposed area, because the consequences could be fatal.

Australian Gas Networks (AGN) claims to have completed fire and dispersion modelling for the proposed plant, but no detail or summary of this work has been presented. Less than one page (Section 4.6) in the Planning Report is dedicated to "Hazard and Risk", the majority of which refers to construction standards.

At the minimum the following should have been conducted, and released to Council and the general public for scrutiny:

- HAZOP (Hazard and Operability) study
- Fire and explosion modelling report including projectile analysis
- Quantitative Risk Analysis (QRA) and/or Layer of Protection Analysis (LOPA)

AGN have explicitly stated their ambition to increase hydrogen supply to the network from an initial 10% to 100%. AGN also proposes to establish a vehicle hydrogen refuelling facility on the site. Both these developments will require larger hydrogen production and storage facilities, resulting in the explosion damage risk increasing exponentially.

AGN have stated that the proposed plant is "innovative", with reference to the use of a previously unproven technology combination. AGN have also stated that the plant will be normally unmanned (operated remotely) and will have the capacity to vent the full inventory of stored hydrogen in the event of equipment malfunction, therefore having a slow technician response time to any operational issues that may arise. Innovative design and unmanned operation will add another significant layer to an already potentially unacceptable risk profile.

It will be impossible to guarantee zero risk of explosion and consequential damage from the proposed plant. The only logical solution is to locate any hydrogen production facility, regardless of size, at Aldoga Industrial Estate, away from people and surrounded by an appropriate exclusion zone.

Noise

Noise is addressed in Section 4.4 of the Planning Assessment report, with a detailed report in Appendix H. The noise study relies on assumed background noise data, and thus is fundamentally flawed. Post-construction operational noise increase will be unquantifiable compared with pre-construction assumed background noise.

The Amenity Noise Criteria for Residential Receivers is set 3dBA above the background noise estimates. This represents a **doubling** of noise pressure at residential receptors.

More concerning, however, than an increase in background noise is intermittent noise from machinery operation and venting of gas at all hours. This area is already subject to heavy vehicle traffic on Derby Street, and vehicle, machinery and alarm noise from the Council depot in Lyons Street.

A further increase in noise, either background or intermittent, in this largely residential area will be unacceptable.



John Feddersen 13 Mallard Court Gladstone.

1/9/21

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 1:30 PM
To: daryn7@bigpond.com
Subject: OBJECTION Material Change of Use - Impact - Renewable Energy Facility - Application ref: DA/25/2021
Attachments: SKM_C454e21090212150.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | [W www.gladstone.qld.gov.au](http://www.gladstone.qld.gov.au)

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From: Daryn & Julie Ware <daryn7@bigpond.com>
Sent: Friday, 3 September 2021 1:09 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: OBJECTION Material Change of Use - Impact - Renewable Energy Facility - Application ref: DA/25/2021
Importance: High

Good Afternoon

Please find attached my Objection letter to Material Change of Use – Impact – Renewable Energy Facility - Application ref: DA/25/2021

Many thanks

Julie Ware

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1st September, 2021

The Assessment Manager
Gladstone Regional Council
PO Box 29
GLADSTONE QLD 4680

Dear Manager

Material Change of Use – Impact – Renewable Energy Facility
(Hydrogen Production and Blending) and Utility Installation (Gas Distribution)
Application ref: DA/25/2021

I grew up at 43 Ann Street, South Gladstone and my parents still reside there and have done so for over 50 years. I was quite taken back to recently learn that Council is considering an application from AGN who are planning to set up a hydrogen/gas distribution facility virtually in their backyard. I live at Catalina Heights, which is not too far from the proposed site and certainly raises concerns from my own household of my husband and two adult children.

Our concerns and the reasons for our objection are:

1. From research we have done, we feel the proposed plant will present an unacceptable explosion risk to residents in the area and also to the South Gladstone State School that is located nearby. We know that hydrogen is a highly explosive gas and requires very low ignition energy compared to natural gas.
2. There will also be an increase in noise levels, both background and intermittent

I certainly am not against the proposed facility just the location. Gladstone is fortunate to have industrial areas set aside for these type of plants and it is very surprising that these areas would not be used and it be placed in the middle of suburbia.

We do hope that Gladstone Regional Council will reconsider this proposal – there are many long term Gladstone residents that will be affected which is very disappointing and quite distressing for them.

Yours sincerely


.....
Julie Ware

Address: 12 Mallard Court, South Gladstone 4680
Ph. 0409 782 433

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 3:53 PM
To: peateyk@bigpond.com
Subject: Objection to Development
Attachments: Scan_20210903 (2).png; Scan_20210903.png

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Ken Peatey <peateyk@bigpond.com>
Sent: Friday, 3 September 2021 3:30 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to Development

Sent from [Mail](#) for Windows

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<u>PERSON MAKING SUBMISSION</u>	
Name:	KEN + CAROL PEATEY
Residential Address:	8 OUSTON PLACE GLADSTONE 4680
Phone Number:	0492 818 923
Email:	cpte@pigpond.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

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Regards,

Signature:		
Name:	CAROL PEATEY	KEN PEATEY
Date:	02-09-2021	02-09-2021
Email to:	Info@gladstone.qld.gov.au	

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 9:08 AM
To: laurabalfre@gmail.com
Subject: Objection to DA/25/2021
Attachments: RE Objection to Development Application.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

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Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

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From: laurabalfre@gmail.com <laurabalfre@gmail.com>
Sent: Friday, 3 September 2021 8:57 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Cc: Rick Houston <houston_plastering@outlook.com>; Me <laurabalfre@gmail.com>
Subject: Objection to DA/25/2021

Please see attached objection submission for DA/25/2021

Sent from my iPhone

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PERSON MAKING SUBMISSION

Name:	RICK HOUSTON & LAURA BAUFRE
Residential Address:	70 ADELAIDE ST SOUTH GLADSTONE, QLD 4680
Phone Number:	0409 265 259 - 0448 991502
Email:	houstonplastering@act100.com / laurabalfre@gmail.com

Attention: Assessment Manager

To Whom it May Concern,

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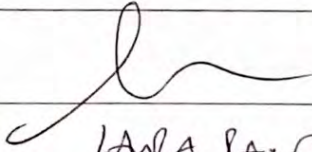
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5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.
6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?
7. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.
8. Buried deep in the proposal around the land tenure is the following clause...

" Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Signature:		
Name:	RICK HUSTON	LARLA RALSTON
Date:	03/09/2021	03/09/2021
Email to:	Info@gladstone.qld.gov.au	

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 8:51 AM
To: blackducklb@hotmail.com
Subject: DA
Attachments: App to Development Application.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

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From: blackducklb@hotmail.com <blackducklb@hotmail.com>
Sent: Friday, 3 September 2021 8:39 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: DA

--

Sent from [Tezastudio Email Client](#) for mobile

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RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
PERSON MAKING SUBMISSION	
Name:	LYLE BARNETT
Residential Address:	3 DUSTON PLACE SOUTH GLADSTONE
Phone Number:	0400509587
Email:	BLACKDUCKLB@HOTMAIL.COM

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
2. The plant does not fit into the nearby residential buildings, school or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.
3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People

need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).

4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.
6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?
7. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.
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Regards,

Signature:	
Name:	LYLE BARNETT
Date:	2/9/21
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 12:31 PM
To: markveach@aanet.com.au
Subject: Objection submission DA/25/2021
Attachments: SPOGMFP221090311100.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

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From: Mark <markveach@aanet.com.au>
Sent: Friday, 3 September 2021 12:24 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection submission DA/25/2021

Hello,
Please find amended submission of objection to DA/25/2021.

Regards

Mark.

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Address: Lot 43 SP165451, Derby Street, South Gladstone, 4680.

Proposal: Development Permit for material Change of use – Renewable Energy Facility (hydrogen Production and Blending) and Utility Installation (gas Distribution)

Development Objection Period :14th August 2021 to September 3rd.

Mark and Lisa Veach, 22 sanctuary place Gladstone QLD, 4680

Mobile :0429495739. Email : Markveach@anet.com.au

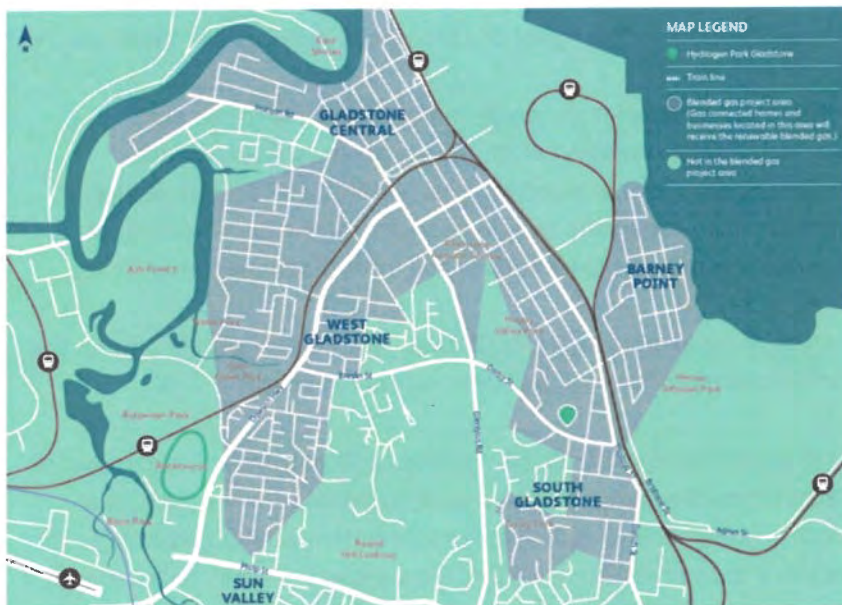
Amendment to original Submission , submitted 26/8/21 – additional notes of opposition.

Attention: Assessment Manager - GRC

After further review of the online attachments of DA/25/2021 and discussion with AGN representatives, I would like to add the below aspects to the opposition of the DA for the location of the Proposed Gladstone Hydrogen park.

I'm not opposed to the project, I'm quite excited about renewables and low carbon energy sources, however vision I have of the intent of this project with export capability is too large for suburbia residential South Gladstone. This project, in this location presents avoidable and unnecessary increased risk to the public, the people that live, commute and go to school in the immediate area. Please consider the following attributes in opposition to the selected location.

Council have the final approval of the change of material use of the land in their jurisdiction, I reach out those evaluating the proposal to reject the DA and force the consortium along with AGN and AGIG to present an alternative location in Gladstone in a less interactive area, more suited to this type of business risk, that caters for the full scale expansion opportunities out lined in DA, ie outside existing proposed residential area.



Gladstone domestic gas distribution area. Many options within this area to upgrade city gate valve and establish small hydrogen blending facility outside of Residential areas

Planning - Use of Community Land

The site of the proposed development is located within the Community Facilities Zone under the planning scheme. Surrounding land is zoned low density residential, community facilities and open space.

Figure 3-1 Gladstone Regional Council Planning Scheme Zoning



Assessment against Community Facilities Zone Code

- 3.3.6.1 Community Facilities Zone Code The purpose of the community facilities zone code is to:
 - (a) provide for community related activities and facilities whether under public or private ownership;
 - (b) ensure all communities have access to a range of community services and facilities which meet local needs; and
 - (c) locate higher order community facilities generally in the Gladstone urban area.Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social or cultural nature. The purpose of the zone code clearly provides for the development of facilities and municipal services that meet the needs of the local Gladstone Community.

The code makes no mention of renewable energies. Explain why council should amend the "purpose of use" of community land for private business ventures like this ?

- With child care facilities in town overloaded, elderly respite centre stretched, and minimal aged care facilities, surely Community land should be used to benefit the whole of the Gladstone community in a sustainable way supplying services to the greater community for the betterment of those living in the Gladstone region. This project reaches only estimated 770 users of domestic gas, not a large benefit to the community of 35 thousand people in the Gladstone district. This does not benefit the greater community based on the claim of 10% injection to existing gas customers.

- The DA does not address P09,P10 or P11 satisfactorily regarding non community activities or limitations to future community activities. Just because council use is for bulk storage yard does not mean this project classifies as a community project and can draw a comparison to current usage. The comment around the balance of site for other community activities is floored. Building a hydrogen plant on this location does limit the future potential for further community developments. Who would develop an retirement home or childcare next to this facility? You've given the whole block up for this little piece of area leased.

For all assessable development

Uses

PO9

Non community related activities only occur where they:

- (c) support or are otherwise complementary, to the community related activities or facilities on the site, and

AO9

Development for a shop or food and drink outlet is:

- (e) a maximum of 150m²; and
- (f) part of the building including community related activities.

Complies with PO9

The proposed development is compatible with the former use of the site as a Council bulk storage yard and will not prejudice the use of the balance of the site for other community related activities in the future.



Performance outcomes	Acceptable outcomes	Response
(d) are subordinate to those community activities or facilities.	Otherwise no acceptable outcome is nominated	

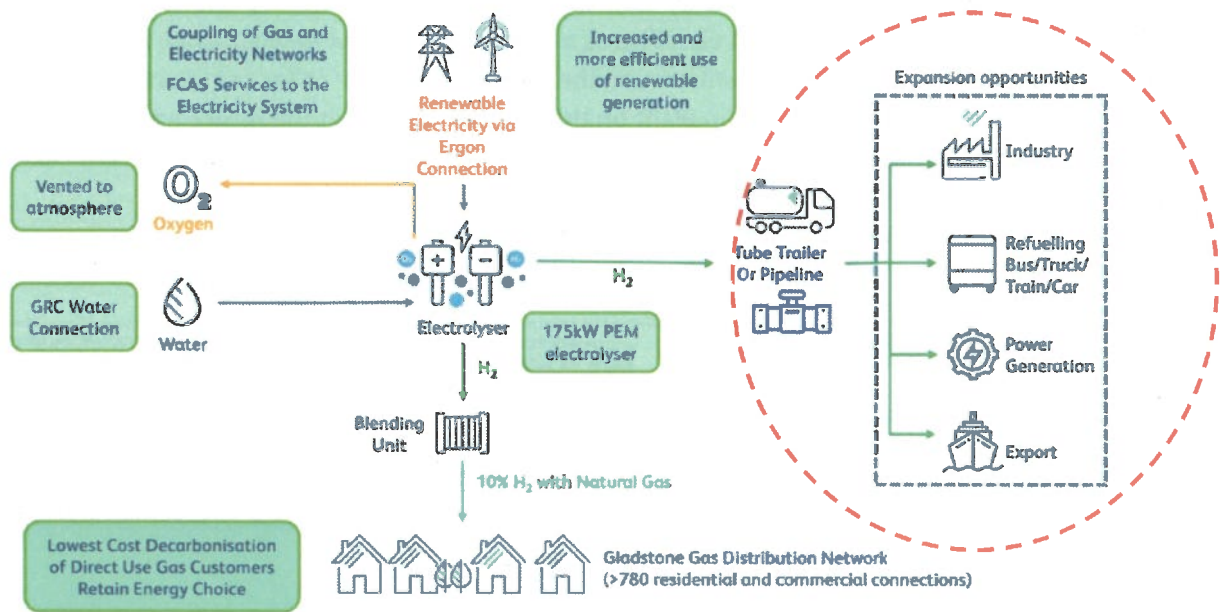
Transparency – Keep the end Game in mind.

Based on the vision of the consortium and the big picture from government, the small hydrogen plant proposed really ends up much larger facility as per SA plant for export of hydrogen. This DA does not take into consideration the full-scale impacts to community. Council must consider the end game of where this is all headed before approving the use of land.



- What does the site look like in 5-10 years. Public information states “ Originally starting with Domestic offtake, mobility solutions and moving to large scale export.” What does the site look like with this vision in mind. A much larger eyesore facility located in residential suburbia.
- Taken from 2.1 page 15 of the submission it is clear that expansion of site is imminent. See following graphic highlight in Red circle. Note As discussed with AGN they will be refuelling or loading trailers as part of this DA.

Figure 2-1: HyP Gladstone Project Elements*



Renewable Energy usage for Hydrogen generation.

- With 6 coal fired generators in Gladstone, 4 at Stanwell and another 6 at Callide, 3 at RTAY plus 1 gas turbine, 7 boilers and 3 gas fired package boilers at QAL, explain where the renewable power is coming from to make this a renewable project. Where is the onsite solar or wind generation powering this initiative? To say the project has value due to the purchase of green power is fantastic for the facility, how is this monitored? Gladstone doesn't have a large uptake of solar.

Traffic

- I have personally witnessed a number of accidents at the intersection of Derby and Ann street during the years of living in the area. Pull the data from the police department. Additional and regular activity at this site adds increased risk. Especially during construction and commissioning, there will be a large increase in traffic competing with school traffic at peak times. Also Consider Traffic disturbance with pending install of power across Derby street and Tie into sewage network in Ann Street.
- DA only addresses impact based on the initial traffic load to generation and injection plant, does not mention refuelling or export as per DA intent. Further expansion for additional H₂ export will see increased trucking movements causing considerable increase in heavy vehicle movement in and out of the facility. When will the export traffic be taken into consideration? next submission?
- Will a pedestrian crossing be put in to cater for foot traffic currently (school kids and parents) walking to and from South school on Derby Street adjacent to proposed installation.
- More heavy trucking movement – When hydrogen is transported off the site going forward, the increased risk needs consideration given transport is likely to via Toolooa street to

Benaraby Road going south and will have to pass via South school. Here is the new enemy to school children walking/riding past the entry to the facility on their way to and from school. If this were in an industrial zone, there are minimal interactions with school kids.



- Gladstone rate payers have funded along with the state a recent bypass road to take trucking out of residential areas. This location does not take advantage of this initiative. The Port has land with domestic gas connection, has this area been explored by the applicant and hence make use of this infrastructure. Explain how increased trucking is a positive move in this suburban location. How does this location make use of the bypass road initiative? As per GRC media below?

We are progressing a project to provide an alternate route for heavy vehicles accessing the Port of Gladstone to increase freight efficiency and improve safety for local motorists.

Dust

- The DA has listed negligible additional dust generation from the existing gravel road and hence it will not be sealed. Check the council records, I have made a number of complaints regarding dust from this area, the grate does not stop dust going onto the road as detailed. Council has indicated they will use a water truck regularly when working in the area, this does not always happen and dust generation is real and will continue to be a problem if not sealed. The DA talks of use of water truck, how will this be policed.
- DA only addresses impact based on the initial traffic load to generation and injection plant. Further expansion for export will see increase trucking movements causing considerable dust generation
- Artist impression on public media gives a different impression with sealed roads, contradictory and misleading compared to DA.



Noise


- Noise Modelling report presented by Asset Integrity consultants clearly states, no back ground noise measurements been done as part of the report, it is a recommendation of the report that this be done. Noise modelling conducted on assumed values generated from noise industry data. Can back ground data be collected and report reissued with accurate, insitu data prior to any approval proceeding in favour of the application.
- Noise Report conclusion states the plant noise will be overlayed by back ground traffic noise. If operated 24/7, night time traffic data demonstrates 130 vehicle movements in 9 hours, that's approx. 15 per hour or 1 every 4mins. How can traffic overlay the noise of the plant if traffic is not continuous? After speaking with AGN, its not the intention to operate 24/7 but have the capability to do, so noise modelling done on this basis.
- Will there be strict operating hours in place for the facility? Is this in the lease arrangement?

Table 2-3: Hourly Weekly Average Traffic for Derby Street

Description	Daytime, 7:00 am – 6:00 pm	Evening, 6:00 pm – 10:00 pm	Night, 10:00 pm – 7:00 am	Daily percentage heavy vehicles
Eastbound	322	105	58	4.5%
Westbound	382	114	69	7.6%

- Noise modelling profile map shows a maximum profile of 63Db. Equipment vendor specifications identify equipment ratings at 89 Db eg Ro water plant? Is this clever modelling to present a favourable case ?

APPENDIX-2B

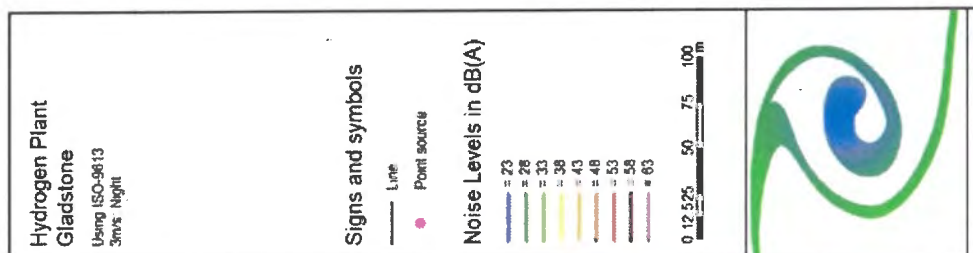


Technical Datasheet

<p>Framesize 90</p> <p>* Note: For indicative cable sizing the "Fan Full Load Current" and the corresponding "Nominal Voltage" have to be used.</p> <p>1 x 3ph 4.0kW Process water pump - 205l/m @ 35m head</p> <hr/> <p>AERODYNAMICAL DATA - UNITARY</p> <p>Air flow (100% RPM/100% RPM) 4 674 6 m³/s</p> <p>Number of fans 2</p> <p>Fan type Centrifugal</p> <p>Approximate Fan speed 781 RPM</p> <hr/> <p>HYDRAULICAL DATA - UNITARY</p> <p>Total pressure drop (@2.4725) 3 074 0 kPa</p> <p>Standard unit 3 074 0 kPa</p> <p>Spray water flow (1x) 4.7 l/s</p> <p>Maximum evaporation 0.047 / 0.049 l/s</p> <p>Bleed (cycles of concentration 2.5) 0.032 / 0.033 l/s</p>	<p>Make-Up (cycles of concentration 2.5) 0.079 / 0.082 l/s</p> <p>Pan volume operating 100 l</p> <p>Pan volume overflow 210 l</p> <p>Pressure range mechanical make-up valve 1 to 4.5 bar</p> <p>Pressure drop are calculated without taking into account the pipe length</p> <hr/> <p>Acoustical data (Standard unit no attenuation)</p> <p>100 % RPM (@ 15 0m) 53 dB(A)</p> <p>Sound Power Level (@100 %RPM) 89.0 dB(A)</p> <p>All acoustical data as sound pressure levels at quietest side of unit at indicated distance</p> <p>note</p> <p>for safety reasons ladders are only allowed in combination with railing</p>
---	---



Figure 2-1: Predicted noise contours for Hydrogen plant, $L_{Aeq,12hr}$ dBA.



- Noise Survey in DA attachment does not consider operational alarms (if any). AGN has confirmed this will be an unmanned plant, please explain the gas and fire detection alarm systems in the design and what Db they will operate at.
- AGN has confirmed on call maintenance people will mobile via existing contractor from Rockhampton. If audible alarms, (which gas plants tend to have), on call maintenance /operations person could be 2hours away to silence alarm. What's the Db rating of these alarms ? normally well above equipment operating levels, and what impact do these present to the modelling data if included?
- Spurious Alarms – My experience with gas detection systems is that spurious alarms are common due to moonlight reflection into sensors or sunlight reflection into sensors (usually from valve and instrument tags). Explain how spurious audible alarms will be managed to avoid nuisance noise to day and shift workers that live in the area.

Weather Data

- Use of Gladstone airport weather data for wind rose may not be 100% accurate for this location. Location is much closer to coastline where prevailing winds differ from airport. Obtaining Data from South School weather station and/or QAL onsite weather station would be more accurate to determine the real impact to nearby residents, especially the dusting issue that will continue to be generated

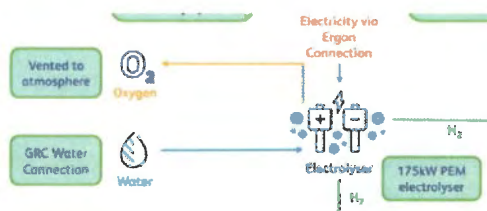
Aesthetics

- How good does this look in residential South Gladstone? Prison style fencing (required to keep the school kids out). No improvement to gravel road entry. This fencing style normal for industrial precinct, not suburbs. What a disgrace. Even hidden behind the trees from Derby Street, those residents high on Anne street will have to look at this when casting an eye to Mount Larcom. No screens are planned for visual and audio interruption for this tenants



Fire Systems.

Not sure if this even meets code, but DA outlines there will be no fire fighting systems installed. AGN has indicated they will abide by recommendations of QFRS. Interesting given hydrogen gas is the most flammable gas on the periodic table with the lowest activation energy for ignition. Also the electrolysis process vents O₂ at a height of 5.5 m vent pipe- another extremely flammable gas. Has a dilution study been performed to determine dispersion rate of O₂ given the sheltered location from Ane street. Is it possible for concentrated O₂ to exist above LEL and ignite?



I guess will have to rely on QFRS ?

Risk Assessment. – What is the Risk?

- AGN has confirmed in meeting 2/9/21 that they have not completed a Quantitative Risk Assessment nor a Safety case for the Hydrogen generation or blending systems.
- Without a QRA or safety case how will council establish the risk level of this installation and the capability of AGN to safely operate and maintain the asset. How will the Assessor make an informed decision on risk without these details. It's not a service Station Darryl!
- See definitions below. Not an uncommon practice.

Quantitative Risk Assessment – QRA

A Quantitative Risk Assessment (QRA) is a formal and systematic risk analysis approach to quantifying the risks associated with the operation of an engineering process. A QRA is an essential tool to support the understanding of exposure of risk to employees, the environment, company assets and its reputation. A QRA also helps to make cost effective decisions and manages the risks for the entire asset lifecycle.

What does a safety case do? ^

A safety case is a **written demonstration of evidence and due diligence provided by a corporation to demonstrate that it has the ability to operate a facility safely and can effectively control hazards**. The primary use of safety cases in an occupational health and safety context is in the process industries.

Site Options Analysis

- Meeting with AGN 2/9/21 detailed the need to change out the city gate valve train from current location. It seems this need and the desire to capture a blended gas opportunity has driven the logical location of choice that suits AGN not the community.
- Meeting with AGN 2/9/21 - What other site locations were explored and why was this site chosen? When asked about why this location to Executive Gm – Mark Beech, his response was around the need to change the city gate due to the existing on Breslin street being in a flood area. Can council confirm this is a flood area? Additionally to this need it presents an opportunity to set up a blending station” in the most cost effective location with minimum amount of additional gas line to run to a domestic connection. “
- Meeting with AGN 2/9/21 - Where are the other/alternative locations studied to enable domestic gas injection? “ its difficult in other locations, this one presents most favourable”. So other location have been considered but not considered due to commercial value at the cost of residents lifestyle.
- Existing AGIG facility located in Tonsley SA looks like a much better thought out option within city limits. Built in a designated Innovation district. – No schools or residential dwellings within 90m of facility. This is how you do it, can council suggest alternative sites to explore?.



Hydrogen Jobs? – None for Gladstone residents

Gladstone hydrogen park will be control and monitored remotely from Perth WA.

Gladstone Hydrogen park will be maintained by AGN contractor company operating out of Rockhampton.

There are no sustainable jobs for Gladstone residents on this project, post construction. To be built in residential Gladstone but supply no income to the people of the town is not a great business model for council to support.

Alternatives to the Gladstone hydrogen Park.

If the City gate needs upgrading then do so. This is owned by AGN and they're responsible for the up keep (as explained at meeting 2/9/21).

With the other Hydrogen projects announced at Aldoga, the main transmission line to town can be charged with Hydrogen and supplied to the domestic customers and industry. We don't need AGN to supply blended gas if the other large projects can do so in the longer term. Upgrade the existing city gate valve station at a better location than Breslin Street and let the Hydrogen come Aldoga.

Conflict of Interest and Due process

Is there a conflict of interest to be considered? As the trustee of the site, the GRC has consented to the lease of the site to AGN. Hence by agreeing to a 30 year lease, GRC has effectively approved the site for use without community consultation. An onsite photo with the Mayor of Gladstone, State ministers and Applicant parties, it appears GRC are bypassing proper process by assuming the deal is done. This photo opportunity early 2021, attempted community consultation many months later. Seems like a "deal for the Boys" without public knowledge.

Community consultation has been poor, most adjacent neighbours are without knowledge, prior to community outrage on social media 5 days before submissions close. Signs laying down in the bush, not on display. Signing a lease with the applicant prior to community Consultation.

Can council validate there is no wrong doings here and correct planning and due process has been followed?

Engagement Requests

For capture during this submission period I have reached out for face to face engagement with council and the local state Member for Regional Development, however, neither were available during the submission time.

AGIG and AGN where good enough to have a meeting(02/09/21) to discuss the location , the plant and listen to concerns from myself and one other Gladstone community member with good technical knowledge of industry.

Regards

Mark and Lisa Veach

Signed ;



2/9/21

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 3:49 PM
To: vltmick@yahoo.com.au
Subject: Objection to Development Application DA/25/2021
Attachments: DA Objection.docx

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

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From: vltmick@yahoo.com.au <vltmick@yahoo.com.au>
Sent: Friday, 3 September 2021 2:46 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to Development Application DA/25/2021

To whom it may concern,

Attached is my objection to the Development Application for:

DA/25/2021

- Address

Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680

- Proposal

Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

- Development Objection Period Dates

13 August 2021 to 3 September 2021

Kind Regards

Michael Reynolds

0429848107

[Vltmick@yahoo.com.au](mailto:vltmick@yahoo.com.au)

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RE: Objection to Development Application

DA/25/2021

- Address

Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680

- Proposal

Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

- Development Objection Period Dates

13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Michael Reynolds

Residential Address: 12 Buller Street, South Gladstone Qld 4680

Phone: 07 4979 4116

Email: vtltmick@yahoo.com.au

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refuelling and increased production to export to the world.

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Kind Regards

Michael Reynolds

0429848107

Vltmick@yahoo.com.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Monday, 6 September 2021 8:16 AM
To: naomiron@bigpond.com
Attachments: Gladstone hydrogen plant .docx

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: naomiron@bigpond.com <naomiron@bigpond.com>
Sent: Friday, 3 September 2021 3:34 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject:

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to [Privacy](#) or [Right to Information](#).

I will send you this...

RE: Objection to Development Application

DA/25/2021

- Address

Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680

- Proposal

Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

- Development Objection Period Dates

13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Naomi Hughes

Residential Address: 35 Links Court

Phone Number: 0408 789 874

Email: naomiron@bigpond.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
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Regards,

Signature:

Name: Naomi Hughes

Date: 3/9/21

Email to: Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 9:44 AM
To: PETER_CROSS@LIVE.COM
Subject: OBJECTION TO DEVELOPMENT APPLICATION DA/25/2021
Attachments: 1 of 2.jpg; 2 of 2.jpg

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Peter Cross <PETER_CROSS@LIVE.COM>
Sent: Friday, 3 September 2021 9:32 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: OBJECTION TO DEVELOPMENT APPLICATION DA/25/2021

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RE: Objection to Development Application
DA/25/2021

• Address

Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680

• Proposal

Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

• Development Objection Period Dates

13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: PETER CROSS

Residential Address:

Phone Number:

Email:

1 FOREST PL. STA GLADSTONE

0427 407373

peter.cross@live.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

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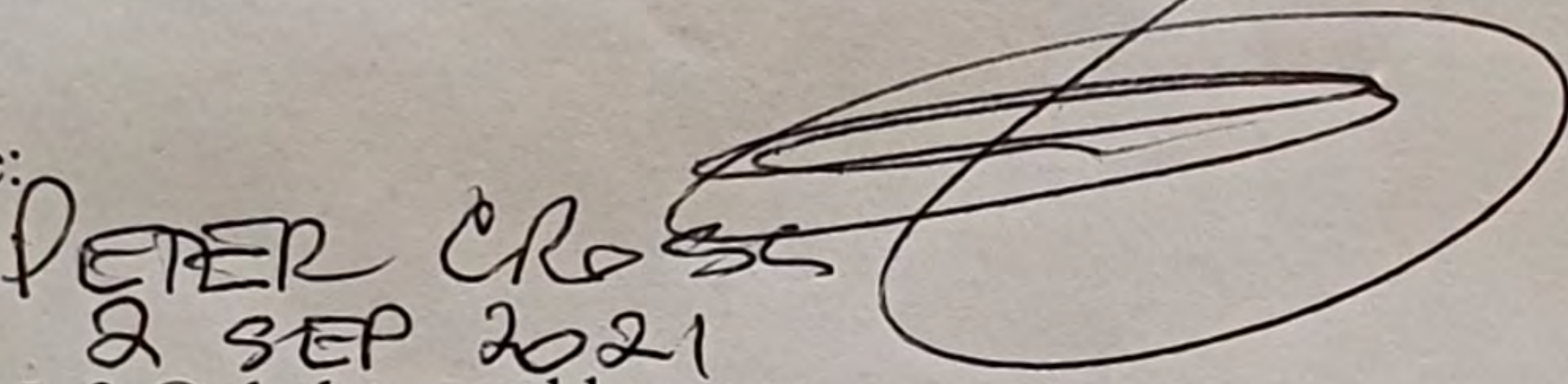
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Regards,

Signature:

Name:  PETER CROSS

Date: 2 SEP 2021

Email to: Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 3:50 PM
To: philippa@tfp.net.au
Subject: Objection to DA / 25/2021
Attachments: Objection to Development Application DA252021 - Philippa Walters 030921.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries

Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Philippa Walters <philippa@tfp.net.au>
Sent: Friday, 3 September 2021 2:52 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to DA / 25/2021

Dear Madam / Sir

Please see attached my objection to the above DA

regards

Philippa Walters CFP®



87 Auckland Street, Gladstone QLD 4680
PO Box 5281, Gladstone QLD 4680

Philippa Walters and Wingillie (QLD) Pty Ltd T/As Triumph Financial Planning are Corporate Authorised Representatives (No. 409590) of Capstone Financial Planning Pty Ltd ABN 24 093 733 969 | AFSL 223135.

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- accepts any responsibility for any person acting, or refraining from acting, on the basis of the information contained in this document.*

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RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	Philippa Walters
Residential Address:	6 Sanctuary Place South Gladstone Q 4680
Phone Number:	0439 751040
Email:	philippa@tff.net.au

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

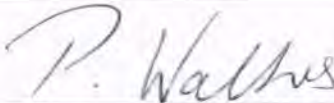
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Regards,

Signature:	
Name:	Phillippa Walters
Date:	02/09/21
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 8:00 AM
To: rhondent7466@hotmail.com
Subject: Proposed Hydrogen Plant
Attachments: Hydrogen Plant Objection.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: RHONDA DENT <rhondent7466@hotmail.com>
Sent: Friday, 3 September 2021 7:22 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Proposed Hydrogen Plant

To Whom it May Concern

Attached is my objection to the proposed Hydrogen Plant to be constructed in Derby Street

Yours sincerely, Rhonda Dent

Sent from [Mail](#) for Windows 10

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to [Privacy](#) or [Right to Information](#).

RE: Objection to Development Application

DA/25/2021

• Address

Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680

• Proposal

Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

• Development Objection Period Dates

13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: RHORDA DEPT

Residential Address: 11 SOLONIKA COURT STH GLADSTONE

Phone Number: 0407 624 281

Email: rhordent7466@hotmail.com

Attention: Assessment Manager

To Whom it May Concern,

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Regards,

Signature:

Name:

Date:

Email to: Info@gladstone.qld.gov.au

R. A. Dentli

RHARDA DEBT

02.09.2021

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 12:52 PM
To: ros.newberry@gladstone.rh.com.au
Subject: Objection to Derby Street Hydrogen Plant
Attachments: KM_C300i21090312320.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

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From: Ros Newberry <ros.newberry@gladstone.rh.com.au>
Sent: Friday, 3 September 2021 12:51 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to Derby Street Hydrogen Plant
Importance: High

ATTENTION: ASSESSMENT MANAGER

Afternoon Sir/Madam

Attached herewith please find my objection to the Derby Street (Hydrogen Production and Blending) and Utility Installation...

Regards

Raine&Horne 135 years strong
1883 - 2018

Ros Newberry
Marketing Consultant, Raine&Horne Gladstone



M : 0418 761 708 . T : 07 4972 1500 . 60 Goondoon Street, Gladstone, Qld 4680
F : 07 4972 5808 E : ros.newberry@gladstone.rh.com.au W : rh.com.au/gladstone



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RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	Roslyn Newberry
Residential Address:	13 Camille Street CLINTON QLD 4680
Phone Number:	0418 761 708
Email:	ros.newberry@gladstone.rh.com.au

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

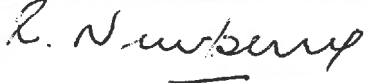
1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
2. The plant does not fit into the nearby residential buildings, both Gladstone South & Gladstone West Primary Schools or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.
3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD

delinquents 100 % safe. People should not be able to access the plant in any way. People need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).

4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
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Regards,

Signature:	
Name:	ROSLYN NEWBERRY
Date:	03 SEPTEMBER 2021
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 2:33 PM
To: samantha.beard@live.com.au
Subject: Objection to Development Application DA/25/2021
Attachments: DA Objection.docx

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Samantha Reynolds <samantha.beard@live.com.au>
Sent: Friday, 3 September 2021 2:32 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to Development Application DA/25/2021

Please find attached.

Thanks,
Samantha Reynolds

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RE: Objection to Development Application

DA/25/2021

- Address

Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680

- Proposal

Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

- Development Objection Period Dates

13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Samantha Reynolds

Residential Address: 12 Buller Street, South Gladstone Qld 4680

Phone Number: 07 4979 4116

Email: samantha.beard@live.com.au

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
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3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).
4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
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8. Buried deep in the proposal around the land tenure is the following clause...

" Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,
Samantha Reynolds

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 12:30 PM
To: shaun.dredge@yara.com
Subject: Objection to Development
Attachments: Objection to deelopement S.Dredge.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

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From: Shaun Dredge <shaun.dredge@yara.com>
Sent: Friday, 3 September 2021 12:07 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Cc: Simone Dredge <sdredge1@bigpond.com>
Subject: Objection to Development

Please see attached objection to the proposed Hydrogen injection facility in south Gladstone. I strongly oppose this development due to the hazardous nature of the facility, its proximity to residential properties and the increased traffic and noise past our house.

Kind Regards,

Shaun Dredge
TAN Superintendent
TAN Operations
Production
Global Plants
Mobile: +61478198142
Office: +618 9183 4023
Email: shaun.dredge@yara.com



Yara Pilbara Fertilisers Pty Ltd
Lot 3017 Village Road Dampier
WA 6713 Karratha, Australia

Knowledge grows www.yara.com



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RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	SHAON DRUDGE
Residential Address:	30 CLIPPER TCE GLADSTONE
Phone Number:	0478198142
Email:	KARARATUAI5@GMAIL.COM

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

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Regards,

Signature:	
Name:	SHARON DUDGE
Date:	3/9/21
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Tuesday, 7 September 2021 8:39 AM
To: yvette.margaret@gmail.com
Subject: OBJECTION TO DA 25 2021 Attached
Attachments: OBJECTION TO DA 25 2021.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards,

Hayley Keiler
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

-----Original Message-----

From: Yvette <yvette.margaret@gmail.com>
Sent: Tuesday, 7 September 2021 7:55 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: OBJECTION TO DA 25 2021 Attached

Your message is ready to be sent with the following file or link attachments:

OBJECTION TO DA 25 2021.pdf

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RE: Objection to Development Application
DA/25/2021

Address

Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates

13 August 2021 to 3 September 2021

PERSON MAKING SUBMISSION

Name: Yvette Luckock

Residential Address: 21 Carbeen st, Gladstone Q 4680

Phone Number: 0417074675

Email: yvette.margaret@gmail.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. According to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refuelling and increased production to export to the world.

I object to this development proposal because:

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Regards,


Signature:

Name Yvette Luckock

Date: 2/9/2021

Email to: info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Tuesday, 24 August 2021 10:42 AM
To: jw.borg@gmail.com
Subject: Feedback on Application Reference DA/25/2021
Attachments: DA252021_feedback_j_borg.docx; GS3-Separation-distances-270605.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards,



Hayley Keiler
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

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From: Jw Borg <jw.borg@gmail.com>
Sent: Tuesday, 24 August 2021 10:41 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Feedback on Application Reference DA/25/2021

Hi,

Please find attached my feedback on the proposed building of a Renewable Energy Facility DA/25/2021 at Lot 43 Derby Street Gladstone, QLD,

Best regards, Jan Borg
04 0062 6546

Disclaimer: This email and any attachments may contain confidential or privileged information. You must not use or disclose this information, other than for the purposes for which it was supplied. The privilege or confidentiality attached to this email and attachments is not waived by reason of mistaken delivery to you. If for whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to [Privacy](#) or [Right to Information](#).

24/8/2021, Gladstone

Re: Application Reference DA/25/2021

Dear Sir,

Feedback and comments were sought regarding application reference DA/25/2021, the building of a "Renewable Energy Facility (Hydrogen Production & Blending) and Utility Installation (Gas Distribution City Gate Station)" at Lot 43 Derby Street.

I would like to argue against building this facility at this location on the grounds that potentially hazardous industrial facilities should not build this close to domestic housing. Recent hydrogen related industrial accidents (Callide Power station, QLD, July 2021) underline the risks with facilities utilizing, processing or producing hydrogen and the need to build these facilities away from population centres.

In fact, according to https://www.epa.wa.gov.au/sites/default/files/Policies_and_Guidance/GS3-Separation-distances-270605.pdf (attached), the required buffer distance for Gasworks (premises on which coal, coke and oil (mixtures or derivatives of) are processed to produce combustible gas) is 1000-2000 meters, depending on raw materials used, odorising process used & size. Most likely similar laws exist in Queensland, and at minimum the mentioned buffer distance can be considered an Industrial best practice.

The proposed facility (red circle) would be approximately 100-200 meters from domestic housing on Lyons Street, 250 meters from domestic housing on Adelaide Street and 250-300 meters from housing on Sanctuary Street (green ovals). Refer to below map.

In my view, the building of this facility would expose Gladstone residents to unacceptable explosion risks and therefore construction should not be permitted. I would suggest building this facility outside city limits of Gladstone where suitable industrial land is available.

Best regards, Jan Borg

Jan Borg
10 Sanctuary Pl
South Gladstone
QLD 4680
04 0062 6546
Jw.borg@gmail.com





Environmental Protection Authority

Guidance for the Assessment of Environmental Factors

(in accordance with the
Environmental Protection
Act 1986)

Separation Distances between Industrial and Sensitive Land Uses

No. 3

June 2005

Western Australia

FOREWORD

The Environmental Protection Authority (EPA) is an independent statutory authority and is the key provider of independent environmental advice to Government.

The EPA's objectives are to protect the environment and to prevent, control and abate pollution and environmental harm. The EPA aims to achieve some of this through the development of environmental protection Guidance Statements for the environmental impact assessment (EIA) of proposals and schemes.

This document is one in a series being issued by the EPA to assist proponents, consultants, responsible authorities and the public generally to gain additional information about the EPA's thinking in relation to aspects of the EIA process. The series provides the basis for the EPA's evaluation of, and advice on, development proposals and schemes subject to the EIA process. The Guidance Statements are one part of assisting proponents and responsible authorities in achieving an environmentally acceptable outcome. Consistent with the notion of continuous environmental improvement and adaptive environmental management, the EPA expects proponents and responsible authorities to take all reasonable and practicable measures to protect the environment and to view the requirements of this guidance as representing the **minimum** necessary process to achieve an appropriate level of environmental protection.

This document provides advice on the use of generic separation distances (buffers) between industrial and sensitive land uses to avoid conflicts between incompatible land uses.

This Guidance Statement has the status of "**Final**" which means it has been reviewed by stakeholders and the public. The EPA has signed off the Guidance Statement and published it although it will be updated regularly as new information come to hand.

I am pleased to release this document which now supersedes the draft version.



Walter Cox
CHAIRMAN
ENVIRONMENTAL PROTECTION AUTHORITY

June 2005

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Guidance Statement No. 3

SEPARATION DISTANCES BETWEEN INDUSTRIAL AND SENSITIVE LAND USES

Key Words: buffer, industrial land use, sensitive land use, separation distance

1 PURPOSE

Guidance Statements generally are developed by the EPA to provide advice to proponents, responsible authorities¹, stakeholders and the public, about the minimum requirements for environmental management which the EPA would expect to be met when the Authority considers a proposal or scheme¹ during the EIA process. The generic process for Guidance Statements is set out in Appendix 2.

This Guidance Statement is termed “Final”, and thus the EPA expects that proponents will give full attention to the information provided when they submit proposals for assessment.

This Guidance Statement replaces the draft Guidance Statements “Industrial-Residential Buffer Areas (Separation Distances)” released in July 1997, and “Separation Distances between Industrial and Sensitive Land Uses” released in June 2004. It specifically addresses generic separation distances between industrial and sensitive land uses to avoid conflicts between these land uses. It takes into account protection of the environment as defined by the *Environmental Protection Act 1986* (EP Act) with a focus on protecting sensitive land uses from unacceptable impacts on amenity that may result from industrial activities, emissions and infrastructure.

During the EIA process the EPA principally considers impacts to the physical and/or biological environment. In association with the Department of Health, it also considers health risk assessment from predicted emissions under normal operations. Industrial activities may also lead to increased levels of individual risk of fatality. The EPA currently considers off-site individual risk, as outlined in the EPA Guidance Statement No. 2 *Risk Assessment and Management: Off-site*

¹ This term is used in this Guidance Statement in the same way as it is defined in the *Environment Protection Act 1986* (see Section 7 Definitions).

individual risk from Hazardous Industrial Plant, when assessing new hazardous plant. The EPA seeks technical advice regarding off-site individual risk from the Department of Industry and Resources (DoIR), where the proposal relates to petroleum or major hazard facilities under DoIR's statutory regulation. Public risk assessment and management in Western Australia is undergoing review to ensure public safety issues are appropriately addressed by Government. It is expected that this Guidance Statement will need to be updated once the risk review and the legislative amendments to empower the responsible authority(s) has been completed.

Proponents and responsible authorities are encouraged to consider their proposals and schemes in the light of the guidance given. A proponent or responsible authority wishing to deviate from the advice in this Guidance Statement would be expected to put a well-researched, robust and clear justification arguing the need for that deviation.

This document provides the generic buffer (separation) distances referred to in the State Industrial Buffer Policy (Government of Western Australia 1997).

2 THE ISSUE

A number of emissions are generated by industrial, commercial and rural activities and infrastructure. These include noise and air emissions (gases, dust and odours). The levels of emissions may at times exceed amenity levels considered acceptable in residential areas and at other sensitive land uses.

In line with the requirements of the EP Act, it is necessary for individual industrial developers to take all reasonable and practicable measures to prevent or minimise emissions from their premises. It is generally expected that, through appropriate site layout, design of facilities, and the implementation of engineering and process controls, emissions from an individual industrial land use can be prevented from causing an adverse environmental impact beyond the boundaries of the particular site or beyond the boundaries of an industrial estate.

Generally, but not always, impacts on the environment decrease with increasing distance from the source of the emission. If the impacts from a particular industry or industrial estate are considered to be unacceptable at the boundary of the site or estate, then there is usually a need for a buffer area to separate industrial land use and sensitive land use.

The determination of the buffer area is necessary in many situations to avoid or minimise the potential for land use conflict. While not replacing the need for best practice approaches to emission management, the use of buffers is a useful tool in achieving an acceptable environmental outcome.

The EPA's preferred hierarchy for the management of industrial emissions is:

- avoidance of impacts;
- minimise the creation and discharge of waste by implementing best practice (see EPA Guidance Statement 55, *Implementing Best Practice in proposals submitted to the Environmental Impact Assessment process*); or
- ensure environmental impacts from industrial emissions are acceptable and meet the relevant regulations and health criteria beyond the boundary of the site, industrial estate or buffer area.

The area that may be adversely affected by industrial emissions will depend on site- and process-specific factors such as the scale of the operation, plant processes and emission controls, storage of raw material and waste, local wind patterns and topography. The possibility of future expansion will also be relevant in the consideration of an appropriate separation distance.

A sound site-specific technical analysis is generally found to provide the most appropriate guide to the separation distance that should be maintained between an industry or industrial estate and sensitive land use.

However, in recognition that a site-specific study may not be necessary in all situations, generic separation distances have been developed. The generic separation distances in Appendix 1 are based on the experience of the Department of Environment (DoE) and other regulatory authorities (e.g. Environmental Protection Authority, Victoria) and limited site-specific quantitative scientific assessment. The table in Appendix 1 includes industries that historically have been associated with amenity impacts from gaseous, dust, noise and odorous emissions, as well as with elevated levels of off-site risk to the public. For some industries, separation distance ranges are specified. For others, generic distances are not applicable and separation distances need to be determined case by case.

This Guidance Statement provides advice on the use of the generic separation distances that have been developed by the DoE for a range of industrial land uses. The use and application of the generic separation distances is explained in more detail in Section 4 of this Guidance Statement.

2.1 Types of industrial land uses

For the purposes of this Guidance Statement, "industrial land use" is used in a general way to encompass a range of industrial, commercial and rural activities, and infrastructure, associated with off-site emissions that may affect adversely the amenity of sensitive land uses.

The term includes:

- general industry;
- light industry;
- service industry;
- some commercial activities, e.g. service stations;
- rural industry and some forms of agriculture;
- rural intensive land use;
- resource processing industry;
- hazardous industry;
- noxious industry;
- extractive industry;
- technology parks;
- freight terminals;
- waste water treatment plants;
- power generation facilities;
- power distribution terminals and substations;
- solid waste disposal sites;
- resource recovery plants; and
- gas and petroleum pipelines.

The table in Appendix 1 includes a variety of land uses that may require consideration of buffers to manage off-site impacts on the environment. However, the list is not definitive. Other land uses where buffers need to be considered include airports and major sporting facilities, e.g. speedway racing, football and soccer. The principles in Section 4.1 apply to these land uses as well as to those listed in Appendix 1.

2.2 Types of industrial emissions

The generic separation distances are based on the consideration of typical emissions that may affect the amenity of nearby sensitive land uses. These include:

- gaseous and particulate emissions;
- noise;
- dust; and
- odour.

The generic separation distances table also identifies a range of industrial land uses associated with higher levels of risk of injury or death from accidents.

2.3 Types of sensitive land uses

Land uses considered to be potentially sensitive to emissions from industry and infrastructure include residential developments², hospitals, hotels, motels, hostels, caravan parks, schools, nursing homes, child care facilities, shopping centres, playgrounds, and some public buildings. Some commercial, institutional and industrial land uses which require high levels of amenity or are sensitive to particular emissions may also be considered “sensitive land uses”. Examples include some retail outlets, offices and training centres, and some types of storage and manufacturing facilities.

3 SCOPE OF THE GUIDANCE

This Guidance Statement is intended to provide advice on generic separation distances between specific industry and sensitive land uses to avoid or minimise the potential for land use conflict. The distances outlined in Appendix 1 are not intended to be absolute separation distances, rather they are a default distance for the purposes of:

- identifying the need for specific separation distance or buffer definition studies; and
- providing general guidance on separation distances in the absence of site-specific technical studies.

The separation distances are intended to be used as a tool, supplemented by other appropriate techniques, to assist in the assessment of:

- new individual industries, infrastructure and estates, in the vicinity of existing/proposed sensitive land uses; and
- new individual sensitive land uses or estates, in the vicinity of existing/proposed industry and infrastructure.

The separation distances are also intended to provide assistance to strategic planning studies and processes.

The separation distances outlined are not intended to replace the need for proponents and relevant authorities to take all reasonable and practicable measures to minimise emissions and off-site impacts.

To ensure an appropriate environmental outcome, the generic separation distances will need to be complemented by other assessment tools and the consideration of the full range of environmental factors.

The reader should be aware that the generic distances do not take into account:

² Residential development in a planning sense can also mean subdivision.

- cumulative impacts;
- non-typical emissions;
- the protection of natural resources and significant elements of the natural environment; and
- potential health impacts from emissions.

As part of comprehensive environmental impact management, the EPA expects that these will also be considered and managed as appropriate.

3.1 Relationship of the separation distances to codes of practice and management guidelines

A number of environmental codes of practice and management guidelines issued by State Government agencies provide advice on separation distances between specific industries, other land uses and natural resources. The DoE for example has issued codes of practice on turf farms, piggeries, cattle feedlots, the poultry industry, vineyards and dairies. This Guidance Statement has attempted to incorporate advice relating to separation distances from the various codes and guidelines to provide a comprehensive overview.

Some codes and guidelines may contain more detailed information on buffers that may be relevant to the achievement of an acceptable environmental outcome.

3.2 Relationship of the separation distances to the State Industrial Buffer Policy

The Western Australia Planning Commission has prepared a Statement of Planning Policy entitled *State Industrial Buffer Policy* (Government of Western Australia 1997). This is a statutory policy prepared pursuant to the *Town Planning and Development Act 1928*. The Policy is intended to provide a consistent Statewide approach to the definition and securing of buffers for industry and infrastructure, protect industry and infrastructure from the encroachment of incompatible landuses, provide for the safety and amenity of land uses surrounding industry and infrastructure, and provide for the protection of the interests of both landowners affected by buffers, and industry and infrastructure encroached upon by sensitive land uses.

A role of this Guidance Statement is to complement and assist the implementation of the Western Australian Planning Commission's *State Industrial Buffer Policy*. The Policy makes specific reference to the generic buffer (or separation) distances developed by the DoE. At the time of publication of this Guidance Statement, the table in Appendix 1 lists the Department's and the EPA's generic separation distances.

4 THE GUIDANCE

4.1 The EPA approach to protecting the amenity of sensitive land uses from emissions from industrial land uses

As stated in Section 2, the EPA's preferred hierarchy for the management of industrial emissions is:

- avoidance of impacts;
- minimise the creation and discharge of waste by implementing best practice (see EPA Guidance Statement 55, *Implementing Best Practice in proposals submitted to the Environmental Impact Assessment process*); or
- ensure environmental impacts from industrial emissions are acceptable and meet the relevant regulations and health criteria beyond the boundary of the site, industrial estate or buffer area.

To ensure an appropriate level of environmental protection, the EPA expects that individual industrial developers will take all reasonable and practicable measures to prevent or minimise emissions from their premises. This entails not only compliance with all recognised environmental protection criteria but also the adoption of best practicable measures for prevention or minimisation of adverse environmental impacts.

Wherever practicable, it is expected that adverse environmental impacts should not extend beyond the boundary of a particular industrial site. Where this is not possible, adverse environmental impacts should not extend beyond the boundaries of a buffer area, which should contain only compatible land uses. New sensitive land uses are not appropriate in the buffer.

Where a buffer has been agreed to by the relevant authorities, the EPA expects that effective measures will be applied, generally through the land use planning process, to ensure that only compatible land uses are allowed in the buffer area. The EPA also expects that appropriate management and monitoring of industries and the buffer area will be implemented to ensure that emissions do not exceed acceptable levels at the outer boundary of the buffer.

Generally, protection of sensitive land uses from industrial emissions is assisted by the identification of suitable buffers at the strategic and structure planning stages of the land use planning process, and in the early project formulation stages in the case of individual projects.

A sound site-specific technical analysis will provide the most appropriate guide to the separation distance that should be maintained between a particular industry and sensitive land uses, or between industrial precincts and sensitive land uses, to avoid or minimise land use conflicts.

Where a site-specific study is carried out, it should generally include a technical analysis and report on the nature and level of the possible emissions from the

industry, the site context, predicted impacts, acceptable criteria, and proposed management. Guidance on appropriate technical studies for particular circumstances is available from a range of sources including the DoE, other government agencies and the EPA, in the case of proposals and schemes subject to the EIA process.

A site-specific technical study to determine separation distances is generally expected in the case of a major heavy industrial estate, or a general industrial estate where emissions may result in cumulative impacts.

Where a proposal or scheme subject to the EIA process involves industrial development near sensitive development, the EPA will take into account the likelihood of industrial emissions that may affect the amenity of the sensitive land use, the management measures (including monitoring), and the separation proposed. Where separation is proposed, the EPA will consider the ability to apply effective mechanisms for establishing and enforcing the separation distance or buffer area.

Generally, the EPA expects the potential for land use conflicts to be resolved through the land use planning process, following consideration of adequate technical information and advice from the relevant agencies.

Generic separation distances have been developed by the EPA in recognition that a site-specific study to determine a buffer may not always be necessary, and that generic guidelines are a useful tool at the design and planning stages. The generic separation distances are included in this Guidance Statement in Appendix 1.

4.2 When to use the generic separation distances

The generic separation distances are a tool to assist in the determination of suitable distances between industry and sensitive land uses where industry may have the potential to affect the amenity of a sensitive land use.

The data is helpful in the following instances:

- to identify the need for specific buffer definition studies where:
 - a new industrial land use is proposed near an existing or proposed sensitive land use; or
 - a new sensitive land use is proposed near an existing or proposed industrial land use; and
- to provide general guidance on separation distances in the absence of site-specific technical studies, or, where only an estimation of the area that could be subject to land use conflicts is required.

It is not appropriate to use the generic separation distances where the industry involved is very large, utilises non-typical technology, or in some other way the circumstances are not typical.

Further, the separation distances should be used with caution in strategic and structure planning exercises, and in situations where cumulative impacts may result from the co-location of many industries.

4.3 Risk and the generic separation distances table

For some industries, the table indicates the possibility of risk, in the sense of risk of an accident or incident causing injury or death to the public. This is provided for general information only. The EPA's current approach to risk is to identify whether a proposal for a new hazardous plant meets the EPA's off-site individual risk criteria (EPA 2000). The EPA seeks technical advice from DoIR for proposals under DoIR's statutory responsibility.

4.4 How to use the generic separation distances in Appendix 1

The generic separation distances for a range of industrial land uses are listed in Appendix 1. This section addresses the use of the table in the following instances.

4.4.1 A new industrial land use is proposed near existing or proposed sensitive development, OR sensitive development is proposed near an existing/proposed industry

Where the separation between the industrial and sensitive land uses is **greater** than the generic distance, there will not usually be a need to carry out site-specific technical analyses to determine the likely area of amenity impacts due to emissions from the industry. The need for technical analyses is likely to be limited to such instances as major industrial developments, industries using new or non-typical processing techniques, or areas subject to cumulative impacts.

Where the separation distance is **less** than the generic distance, a scientific study based on site- and industry-specific information must be presented to demonstrate that a lesser distance will not result in unacceptable impacts.

If the distance from the industrial land use to the sensitive land use is less than the recommended separation distance, and it cannot be demonstrated that unacceptable environmental impacts are likely to be avoided, then other options should generally be pursued.

These may include:

- modifying the project to reduce emissions via engineering controls such as process design, process enclosure or other means; and
- pursuing land use planning and management controls (e.g. land acquisition, rezoning) to reduce environmental impacts to acceptable levels.

For proposals and schemes subject to the EIA process, where it cannot be demonstrated that there will be acceptable emission levels at present and future residences and other sensitive premises, the EPA is likely to recommend that the proposal or scheme is not environmentally acceptable.

If a referral is made to the EPA, information that will assist the EPA to set an appropriate level of assessment includes information on the location of existing industrial and sensitive premises, land zoning and scheme provisions, the results of any site-specific studies and consultation, and the proposed planning and environmental management measures.

4.4.2 General guidance is required on separation distances in the absence of site-specific technical studies, OR an estimation of the area that could be subject to land use conflicts is required

In most cases, land use conflicts resulting from industrial emissions are not expected where the generic separation distances are maintained. Further investigations should be carried out, however, in non-typical situations, and where cumulative impacts may occur.

Where a separation under consideration is less than in the table, it is recommended that a new project does not proceed in the absence of site-specific investigations and a report demonstrating that the separation distance will meet acceptability criteria and that enforceable management techniques will be applied to ensure an appropriate environmental outcome.

5 APPLICATION

5.1 Area

This Guidance Statement applies to all proposals and schemes subject to the EIA process throughout the State of Western Australia.

5.2 Duration and Review

The duration of this Guidance Statement is for five years unless some unforeseen circumstances require it to be revised earlier.

6 RESPONSIBILITIES

6.1 EPA responsibilities

The EPA will apply this Guidance Statement to proposals and schemes that are subject to the EIA process under Part IV of the EP Act.

6.2 DoE responsibilities

The DoE will assist the EPA in applying this Guidance Statement to the EIA of proposals and schemes, and in conducting its functions under Part V of the EP Act.

6.3 Proponent and responsible authority responsibilities

Where proponents and responsible authorities demonstrate to the EPA that the requirements of this Guidance Statement are incorporated into proposals and schemes in a manner which ensures that they are enforced and audited, the assessment of such proposals and schemes is likely to be assisted.

7 DEFINITIONS

In this Guidance, the terms listed have the following definitions.

Amenity – factors which combine to form the character of an area and include the present and likely future amenity. For the purpose of this Guidance Statement, consideration of loss of amenity is limited to unreasonable impact on a person from gaseous, dust, noise and odorous emissions and risk.

Buffer – all the land between the boundary of the area that may potentially be used by an industrial land use, and the boundary of the area within which unacceptable adverse impacts due to industrial emissions on the amenity of sensitive land use are possible. This may be represented by the separation distance.

Emission – discharge of waste, emission of noise, odour or electromagnetic radiation or transmission of electromagnetic radiation.

Industrial land use, industry – a general term used in this Guidance Statement to encompass a range of industrial, commercial and rural land uses and infrastructure associated with emissions that may affect the amenity of sensitive land uses.

Residential development – any permanent structure whose primary use is as a dwelling place.

Responsible authority – as defined in the *Environmental Protection Act 1986*, and

generally, the authority responsible for:

- a town planning scheme, a regional planning scheme, a redevelopment scheme, or an amendment to any of the above;
- a statement of planning policy, or amendment to such a statement; or
- a subdivision or strata plan.

Scheme – as defined in the *Environmental Protection Act 1986*, and generally:

- a town planning scheme, a regional planning scheme, a redevelopment scheme, or an amendment to any of the above; or
- a statement of planning policy or an amendment to such a statement.

Sensitive land use – land use sensitive to emissions from industry and infrastructure. Sensitive land uses include residential development, hospitals, hotels, motels, hostels, caravan parks, schools, nursing homes, child care facilities, shopping centres, playgrounds and some public buildings. Some commercial, institutional and industrial land uses which require high levels of amenity or are sensitive to particular emissions may also be considered “sensitive land uses”. Examples include some retail outlets, offices and training centres, and some types of storage and manufacturing.

Separation distance – the shortest distance between the boundary of the area that may potentially be used by an industrial land use, and the boundary of the area that may be used by a sensitive land use.

8 REFERENCES

Environmental Protection Authority 1997 *Industrial-Residential Buffer Areas (Separation Distances)* Draft Guidance No. 3, Environmental Protection Authority, Perth Western Australia

Environmental Protection Authority 2000 *Guidance for Risk Assessment and Management: Offsite individual risk from Hazardous Industrial Plant* Guidance No. 2, Environmental Protection Authority, Perth Western Australia

Environmental Protection Authority 2004 *Separation Distances between Industrial and Sensitive Land Uses* Draft Guidance No. 3, Environmental Protection Authority, Perth Western Australia

Western Australian Planning Commission 1997 *State Industrial Buffer Policy: Statement of Planning Policy No. 4* Government of Western Australia, Perth Western Australia

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Appendix 1: Separation Distances between Industrial and Sensitive Land Uses

Note:

These generic guidelines do not take into account:

- cumulative impacts;
- non-typical emissions;
- the protection of natural resources and significant elements of the natural environment; and
- potential health impacts from emissions.

Industry	Description of industry	DoE Licence or Registration category (*)	Key Government agencies for advice or approvals	Code of Practice (CoP) / environmental requirements	Impacts					Buffer distance in metres and qualifying notes
					Gaseous	Noise	Dust	Odour	Risk	
Abattoir	killing of animals for human consumption or pet food – no rendering	√ (15) (Reg. 1)	DAWA, WRC, local gov't	CoP - Aug 1996. Regs. in Sept 1996		√	√	√		500-1000, depending on size
Abrasive blasting operations	metal or other material is cleaned or abraded by blasting with any abrasive material	√ (Reg. 5)	local gov't	CoP - 1993. Regs. in Sept 1996		√	√			case by case
Aluminium production	using electrolytic fusion technique	√ (44)	DoIR		√	√	√		√	1500-2000

Industry	Description of industry	DoE Licence or Registration category (*)	Key Government agencies for advice or approvals	Code of Practice (CoP) / environmental requirements	Impacts					Buffer distance in metres and qualifying notes
					Gaseous	Noise	Dust	Odour	Risk	
Ammonia importation	unloading ammonia from ships and storage		DoIR, DPI		√ NH ₃				√	case by case
Ammonium nitrate import/export	transfer of chemical from ship to land-based transport and vice versa	√ (58, 86)	DoIR, DPI						√	case by case
Ammunition production	includes explosives and fireworks		DoIR						√	1000
Animal feed manufacturing	manufacture of animal feed from grain and other food products	√ (23)	DAWA, local gov't			√	√	√		500
Animal feedlot	intensive rearing of cattle (in rural zone, away from towns)	√ (1, 68)	DAWA, WRC, local gov't	Cattle Feedlots Guidelines - 2002		√	√	√		1000-2000, depending on size
Animal feedlot	other intensive rearing, e.g. sheep (in rural zone, away from towns)	√	DAWA, WRC, local gov't			√	√	√		1000-2000, depending on size

Industry	Description of industry	DoE Licence or Registration category (*)	Key Government agencies for advice or approvals	Code of Practice (CoP) / environmental requirements	Impacts					Buffer distance in metres and qualifying notes
					Gaseous	Noise	Dust	Odour	Risk	
Aquaculture – ponds or tanks & natural waters included	propagation or rearing of aquatic fauna, with supplementary feeding	√ (3, 4)	Fisheries, WRC, local gov't	Fisheries, & WRC guidelines		√		√		100-300, depending on size
Asphalt works	asphalt is mixed and prepared	√ (35)	local gov't	CoP - 1991		√	√	√		1000
Automotive spray painting	liquid paint is directed onto automotive surfaces by airless, compression, electrostatic or other methods		local gov't	CoP - Oct 1997		√	√	√		200
Bakeries	day-time operations		local gov't			√		√		100-200, depending on size
	large night-time operations		local gov't			√		√		500
Bauxite refining	premises on which alumina is produced	√ (46)	DoIR			√	√	√		case by case

Industry	Description of industry	DoE Licence or Registration category (*)	Key Government agencies for advice or approvals	Code of Practice (CoP) / environmental requirements	Impacts					Buffer distance in metres and qualifying notes
					Gaseous	Noise	Dust	Odour	Risk	
Beverage manufacturing – alcoholic	alcoholic beverages are manufactured – brewery, distillery or winery	√ (25)	WRC		√	√	√	√		200-500, depending on size & type of product
– non-alcoholic	non-alcoholic beverages are manufactured, processed or packaged	√ (24)	WRC			√	√	√		200-500, depending on size
Boat building and maintenance – vessels are built,	organotin compounds are not used or removed from vessels	√ (82)	DPI, local gov't		√	√	√	√		200-500, depending on size
maintained or refurbished	organotin compounds are used or removed from vessels	√ (49)	DPI, local gov't		√	√	√	√		500-1000, depending on size
Briquettes manufacture	compressed coal-dust or wood-dust production		local gov't			√	√	√		300-500, depending on size

Industry	Description of industry	DoE Licence or Registration category (*)	Key Government agencies for advice or approvals	Code of Practice (CoP) / environmental requirements	Impacts					Buffer distance in metres and qualifying notes
					Gaseous	Noise	Dust	Odour	Risk	
Bulk material loading or unloading	clinker, coal, ore, ore concentrate or any other bulk granular material is loaded/unloaded from vessels	√ (58, 86)	DoIR, DPI			√	√		√	1000-2000
Calcium-based compounds production, other than lime	calcium compounds are produced, mixed, blended or packaged (see cement works for lime manufacture)	√ (31, 33, 72, 74, 75)	DoIR, WRC		√	√	√	√	√	500-1000, depending on size & type of product
Carbon stripping	reprocessing of carbon granules (gold extraction)	√ (79)	local gov't		√ acid fume			√		200-300
Carpet backing	process using latex		local gov't		√	√		√		500
Cattery zones	in urban areas		local gov't			√		√		200
Cement product manufacturing works	concrete or cement is mixed, prepared or treated – up to 5000 tonnes per year	√ (77)	DoIR, WRC, local gov't	√		√				300-500, depending on size

Industry	Description of industry	DoE Licence or Registration category (*)	Key Government agencies for advice or approvals	Code of Practice (CoP) / environmental requirements	Impacts					Buffer distance in metres and qualifying notes
					Gaseous	Noise	Dust	Odour	Risk	
	concrete or cement is mixed, prepared or treated – from 5000 to 150 000 tonnes per year	√ (77)	DoIR, WRC, local gov't	√		√	√			500-1000, depending on size
	concrete or cement is mixed, prepared or treated – greater than 150 000 tonnes per year	√ (77)	DoIR, WRC	√		√	√			1000-1500, depending on size
Cement or lime manufacturing works – use of furnace or kiln	Production of cement clinker or lime or cement clinker, clay, limestone or similar is ground or milled	√ (43)	DoIR, WRC, local gov't		√	√	√	√		1000-2000, depending on size
Ceramic goods manufacturing	premises on which ceramic kitchen or table ware or other non-refractory ceramic products are made	√ (76)	DoIR, WRC, local gov't		√	√	√	√		300-500, depending on size

Industry	Description of industry	DoE Licence or Registration category (*)	Key Government agencies for advice or approvals	Code of Practice (CoP) / environmental requirements	Impacts					Buffer distance in metres and qualifying notes
					Gaseous	Noise	Dust	Odour	Risk	
Charcoal production	wood, carbon material or coal is charred to produce a fuel or material of enriched carbon content	√ (37)	DoIR, local gov't		√	√	√		√	1000
Chemical blending or mixing	chemicals or chemical products are blended, mixed or packaged	√ (33, 74, 75)	DoIR, WRC, local gov't	draft - on hold	√	√	√	√	√	300-500, depending on size & type of chemicals involved
Chemical fertilizers	manufacture of artificial fertilizers	√ (31, 72)	DoIR, WRC, Water Corp.		√ HF, NH ₃ , SO ₂	√	√	√	√	1000-2000, depending on size
Chemical manufacturing	chemical products are manufactured by a chemical process	√ (31, 72)	DoIR, WRC, Water Corp.		√	√	√	√	√	300-1000, depending on size & type of chemicals involved
	inorganic industrial chemical manufacture (other than listed elsewhere)	√ (31, 72)	DoIR, WRC, local gov't		√	√	√	√		300-1000, depending on size & type of chemicals involved

Industry	Description of industry	DoE Licence or Registration category (*)	Key Government agencies for advice or approvals	Code of Practice (CoP) / environmental requirements	Impacts					Buffer distance in metres and qualifying notes
					Gaseous	Noise	Dust	Odour	Risk	
	organic industrial chemical manufacture (other than listed elsewhere)	√ (31, 72)	DoIR, WRC, local gov't		√	√	√	√	√	500-1500, depending on size & type of chemicals involved
Chemicals – non-industrial	production – other than listed elsewhere		WRC, Water Corp.			√	√			300-1000, depending on size & type of chemicals involved
Chemical or oil recycling	waste liquid hydrocarbons or chemicals are refined, purified, reformed, separated or processed	√ (39)	DoIR, WRC, Water Corp.		√ VOCs			√	√	500-1000, depending on size
Chemicals storage – minor	non-bulk storage of chemicals	√	WRC, Water Corp.	draft in preparation	√			√	√	200-300
– bulk/major	bulk storage of acids, alkalis or chemicals	√ (73)	DoIR, WRC, Water Corp.		√				√	500-1000, depending on size

Industry	Description of industry	DoE Licence or Registration category (*)	Key Government agencies for advice or approvals	Code of Practice (CoP) / environmental requirements	Impacts					Buffer distance in metres and qualifying notes
					Gaseous	Noise	Dust	Odour	Risk	
Chlor-alkali works	manufacture of caustic soda and chlorine	√ (31, 72)	DoIR, WRC		√ Cl ₂	√		√	√	2000-3000
Clay bricks or ceramic/refractory products works	premises on which fired-clay bricks, tiles, pipes or pottery are manufactured	√ (41)	DoIR, DAWA, WRC		√ HF, HCl, SO ₂	√	√	√		300-1000, depending on size
Clay extraction or processing	Mining, extraction or processing of clay	√ (80)	DoIR, WRC			√	√			500-1000, depending on size & processing
Coal mine	extraction of coal – open cut method	√ (9)	DoIR, WRC			√	√			1000-2000
Coke production	coke is produced, quenched, cut, crushed and graded	√ (38)	DoIR, WRC		√	√	√	√	√	1000-2000

Industry	Description of industry	DoE Licence or Registration category (*)	Key Government agencies for advice or approvals	Code of Practice (CoP) / environmental requirements	Impacts					Buffer distance in metres and qualifying notes
					Gaseous	Noise	Dust	Odour	Risk	
Composting facility	outdoor uncovered, regularly turned windrows	√ (67A)	WRC, local gov't	draft Organic Wastes Guidelines - Dec 1997		√	√	√		1000 for manures, mixed food/putrescible & vegetative food waste; 500 for biosolids & 150 for green waste
	outdoor covered, turned windrows	√ (67A)	WRC, local gov't	draft Organic Wastes Guidelines - Dec 1997		√	√	√		750 for manures, mixed food/putrescible & vegetative food waste; 250 for biosolids & 150 for green waste
	outdoor covered windrows with continuous aeration	√ (67A)	WRC, local gov't	draft Organic Wastes Guidelines - Dec 1997		√	√	√		500 for manures, mixed food/putrescible & vegetative food waste; 250 for biosolids & 150 for green waste

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	enclosed windrows with odour control	√ (67A)	WRC, local gov't	draft Organic Wastes Guidelines - Dec 1997		√	√	√		250 for manures, mixed food/putrescible & vegetative food waste; 150 for biosolids
	in-vessel composting with odour control	√ (67A)	WRC, local gov't	draft Organic Wastes Guidelines - Dec 1997		√	√	√		150 for manures, mixed food/putrescible & vegetative food waste; 150 for biosolids
Concrete batching plant or cement products (bricks) manufacture	concrete is made (batched) and loaded for transport or cement products are made	√ (77)	local gov't	CoP - 1991. Regs. 1998		√	√			300-500, depending on size
Cosmetics production	manufacture of cosmetics and toiletries		local gov't			√		√		100
Crematoria			local gov't		√	√			√	200-300

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					Gaseous	Noise	Dust	Odour	Risk	
Crude oil extraction	oil or gas production from wells	√ (10)	DoIR		√	√		√	√	case by case
Crushing of building material	crushing or cleaning of waste building or demolition material	√ (13)	local gov't			√	√			1000
Dairies	milking shed operations		DAWA, WRC, local gov't	CoP - March 1998		√	√	√		500
Dog kennels	in rural zones		local gov't			√		√		500
	in or near urban areas		local gov't			√		√		1000
Dry-cleaners	dry-cleaning operations		local gov't			√		√		100
Edible oil or fat processing (vegetable oil production)	vegetable oil, oil seed or animal fat is processed – includes seed crushing and use of solvents to refine oils	√ (19)	WRC, Water Corp., local gov't			√	√	√		500

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Electric power generation	generating electricity – 20 megawatts or more (total) for natural gas & 10 megawatts or more (total) for other fuels	√ (52)	DoIR, WRC		√ NO _x , SO _x	√	√			3000-5000, depending on location & size
	natural gas-fuelled electricity production – more than 10, but less than 20, megawatts total	√ (84)	DoIR, WRC		√ NO _x	√				2000-3000
Extractive industries – hard rock, Darling Scarp	quarrying (including blasting), crushing and screening	√ (5, 12, 70)	DoIR, WRC	CoP - 1990, revised in 1995		√	√		√	1000
– not hard rock	blasting, grinding and milling works – material processed by grinding, milling or separated by sieving, aeration etc	√ (5, 12, 70)	DoIR, WRC	CoP - 1990, revised in 1995		√	√		√	case by case

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					Gaseous	Noise	Dust	Odour	Risk	
– no blasting conducted	grinding and milling works – material processed by grinding, milling or separated by sieving, aeration etc	√ (5, 12, 70)	DoIR, WRC	CoP - 1990, revised in 1995		√	√			case by case
– sand and limestone extraction	no grinding or milling works		WRC, local gov't			√	√			300-500, depending on size
Fellmongering	animal skins or hides are dried, cured or stored	√ (83)	WRC, Water Corp., local gov't			√		√		500
Fibreglass reinforced plastic manufacturing	using Low Styrene Emission (LSE) resins	√ (Reg. 3)	DoIR, local gov't	CoP - 1993. Regs. in Sept 1996			√	√		200
	using non-LSE resins	√ (Reg. 3)	DoIR, local gov't	CoP - 1993. Regs. in Sept 1996			√	√		500
Flour mill	grain or seed milling premises		local gov't			√	√			300-500, depending on size

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					Gaseous	Noise	Dust	Odour	Risk	
Fly ash disposal	premises on which fly ash is disposed	√ (53)	WRC, local gov't				√			case by case
Foam products manufacturing	resin is used to prepare or manufacture plastic foam or foam products using MDI or TDI	√ (51)	DoIR, local gov't		√			√	√	500
Food processing	fruit, vegetables or meat is cooked, dried, preserved, bottled, canned or processed	√ (18)	WRC, Water Corp., local gov't			√	√	√		200-500 for fruit & vegetables, 500 for meat
Food or beverage products	manufacture of food and beverage products not categorised	√ (18, 24, 25)	WRC, local gov't			√		√		100-300, depending on size & type of product
Formaldehyde	Formaldehyde production	√ (31)	DoIR, local gov't		√	√		√	√	500
Foundries – metal melting or casting	ferrous metals (alloys)	√ (45)	DoIR, local gov't	CoP - 1992		√	√	√		300-500, depending on size

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					Gaseous	Noise	Dust	Odour	Risk	
	non-ferrous, aluminium	√ (45)	DoIR, local gov't	CoP - 1992		√	√	√		300-500, depending on size
	non-ferrous, other than aluminium	√ (45)	DoIR, local gov't	CoP - 1992	√ fume	√	√	√	√	500-1000, depending on metal & size
Fuel burning	any boiler(s) capable of consuming 500 kg or more per hour of combustible material, either alone or aggregate, for the supply of steam or in power generation equipment	√ (67, 87)	DoIR, WRC		√ NO _x , SO _x	√	√	√	√	200-500, depending on type of fuel used & size
Fuel importation	fuel unloading from ships, storage and despatching		DoIR, DPI						√	1000

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					Gaseous	Noise	Dust	Odour	Risk	
Fuel storage – crude oil and petroleum products in tanks or vessels exceeding 2000 tonnes capacity	Fixed Rooves	√ (73)	DoIR	draft in house				√	√	300-500, depending on type of fuel stored & size
	Floating Rooves	√ (73)	DoIR	draft in house				√	√	200-1000, depending on fuel stored & size
Gas distribution	works to supply mains		Alinta Gas					√	√	300
Gasworks	premises on which coal, coke and oil (mixtures or derivatives of) are processed to produce combustible gas	√ (11, 34)	DoIR		√	√	√	√	√	1000-2000, depending on raw materials used, odorising process used & size
Glass or glass fibre works	premises on which glass or glass fibre is produced	√ (40)	DoIR, local gov't		√	√	√			500

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Gold ore	grinding and milling works – rocks ore etc processed by grinding, milling or separated by sieving, aeration etc	√ (5, 12, 70)	DoIR, WRC			√	√			1000-2000, depending on location, process used & size
Gold roaster	gold extraction from sulphide ores	√ (44)	DoIR		√ SO ₂	√	√	√		5000
Grain cleaning (no milling)	premises on which grain or seed is cleaned, graded, sorted or processed		local gov't			√	√	√		300-500, depending on size
Grain elevator	grain transfer using conveyor belts etc		local gov't			√	√		√	500
Greenhouse/ hothouse	using manure		local gov't			√		√		200-300
	using compost		local gov't			√		√		200-300
Hay processing plant	hay processing, handling or storage premises		local gov't			√	√	√	√	500-1000, depending on size

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					Gaseous	Noise	Dust	Odour	Risk	
Heavy industrial site	proposals for "greenfield" sites	√ various	√ various		√	√	√	√	√	case by case
Horse stables	keeping horses		local gov't	draft in preparation		√	√	√		100-500, depending on size
Incineration	for biomedical, chemical or organic waste	√ (59, 60)	local gov't		√	√	√	√	√	500-1000, depending on size
	for plastic or rubber waste	√ (60)	local gov't		√	√	√	√		1000
	for waste wood	√ (60)	local gov't			√	√	√		300
Industrial gases	production, processing, refining or storage of industrial gases	√ (31, 72)	DoIR, local gov't		√	√		√	√	500-1000, depending on size & type of gases
	commercial/retail outlets		local gov't		√	√			√	50
Iron ore smelting	production of iron from iron ore	√ (44)	DoIR		√	√	√	√		1000

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					Gaseous	Noise	Dust	Odour	Risk	
Joinery & wood working premises	production of wooden furniture & household items such as doors, kitchen fittings, flooring & mouldings		local gov't	CoP - 1995, being revised		√	√	√		100-300, depending on size
Liquid Petroleum (LP) gas retailing – above ground tanks	LP gas storage & handling at automotive retail outlets – up to 8000L tank – 8000L to 16 000L tank		DoIR, local gov't	AS 1596 Supplement No.1 - 1994				√	√	55 for sensitive uses & up to 8000L tank, 85 for sensitive uses & from 8000L to 16 000L 15 for residential uses
– underground tanks	LP gas storage & handling at automotive retail outlets – up to 65 000L tank		DoIR, local gov't	AS 1596 Supplement No.1 - 1994				√	√	55 for sensitive uses & 15 for residential uses
Livestock saleyard or holding pen	holding of live animals pending sale, shipment or slaughter	√ (55)	DAWA, WRC, local gov't			√	√	√		at least 1000, depending on size
Malt-works	malt production from grain		local gov't			√	√	√		500

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					Gaseous	Noise	Dust	Odour	Risk	
Market gardens	broad-scale operations		WRC, local gov't	draft in house	√	√	√	√		300-500, depending on size
Metal coating	metal products are powder-coated or enamelled	√ (81)	local gov't	Powder coating - July 1994. Regs. 1998		√	√	√		200
Metal coating – industrial spray-painting	site on which spray-painting is conducted inside a spray booth	√ (81)	local gov't	CoP - Sept 1995. Regs. 1998		√	√	√		200
	work is conducted in the open (no spray booth)	√ (81)	local gov't	CoP - Sept 1995. Regs. 1998		√	√	√		500
Metal fabrication	sheet metal, structural metal and iron and steel products – up to 50 000 tonnes per year		DoIR, local gov't			√	√			500-1000, depending on size
Metal finishing	galvanizing	√ (48A)	DoIR, WRC, local gov't		√ acid fume	√	√	√		500

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					Gaseous	Noise	Dust	Odour	Risk	
	other than galvanizing	√ (48)	DoIR, WRC, local gov't		√ acid fume	√	√	√		200
Metal leaching – vat or <i>in situ</i>	metal extraction from ore with a chemical solution	√ (7)	DoIR, WRC			√	√	√		500
Metal smelting, refining, melting, casting, fusing, roasting or processing works	where metal, metal ores, concentrates or wastes are treated to produce metal (other than iron & aluminium)		DoIR, local gov't							
	• up to 100 tonnes per year				√	√	√	√		100-200
	• between 100 & 1000 tonnes per year	√ (45)			√	√	√	√		300-500
	• greater than 1000 tonnes per year	√ (44)			√	√	√	√	case by case, depending on process	

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Milk processing	milk is separated, evaporated or a dairy product is manufactured	√ (17)	WRC, local gov't			√		√		200-500, depending on size, wastewater treatment & disposal system
Mine dewatering, tailings or residue disposal	water extracted and discharged to allow mining of ore; or mining or processing of ore occurs and tailings or residue are discharged into a dam	√ (6)	DoIR, WRC			√	√			case by case
Mineral sands – dry processing only	grinding and milling works – material processed by grinding, milling or separated by sieving, aeration etc	√ (8)	DoIR		√ H ₂ S	√	√	√		1000-2000
– secondary treatment plant	treatment of primary concentrate from mine – zircon, rutile/leucoxene and ilmenite	√ (8)	DoIR, WRC			√	√	√		1000-2000

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– synthetic rutile plant	mining of mineral sands and processing to produce concentrate	√ (8)	DoIR, WRC		√ H ₂ S SO ₂	√	√	√		3000-5000
Mineral wool or ceramic fibre	manufacture of mineral wool or ceramic fibre	√ (42)	DoIR, WRC		√	√	√	√		500
Motor body works	including panel beaters		local gov't	CoP - Oct 1997		√	√	√		200
Mushroom farm	using on-site blended soils or compost	√ (67A)	WRC, local gov't			√		√		500-1000, depending on size
Nurseries	no composting		local gov't			√				100
Oil or gas extraction from land or offshore	production from wells involving primary separation or treatment	√ (10)	DoIR, DPI		√	√		√	√	2000
Oil or gas production (other)	production of oil or gas, including gas reforming	√ (11)	DoIR		√	√		√	√	2000
Oil or gas refineries	crude oil or condensate is refined or processed	√ (34)	DoIR		√	√		√	√	2000

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Open cut mining (large operations)	other than coal	√ (5, 6, 12, 70)	√ various	√		√	√		√	1500-3000
Orchards	broad-scale operations		DAWA, local gov't		√	√				500
Paints and inks	blending and mixing	√ (33, 74)	WRC, Water Corp.		√ VOCs	√		√		200 for water-based, 300 for solvent-based
	manufacturing	√ (31, 72)	DoIR, WRC, Water Corp.		√ VOCs	√		√	√	500 for water-based, 1000 for solvent-based
Pesticides manufacturing	herbicide, insecticide or pesticide manufacture by a chemical process	√ (32)	DoIR, WRC, Water Corp.		√	√	√	√	√	300-1000, depending on size
Pharmaceuticals	Production – including veterinary products	√ (31, 72)	WRC, Water Corp.			√		√	√	300-1000, depending on size

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Piggery – intensive, – 5000 pigs or more – 500 to 5000 pigs – 50 to 500 pigs – less than 50 pigs	premises on which pigs are fed, watered and housed in indoor pens	√ (2, 69)	DAWA, WRC, local gov't	DAWA Guidelines for New & Existing Piggeries - May 2000		√		√		5000 for piggeries with more than 5000 pigs, 3500 for piggeries with 500 to 5000 pigs, 2000 for piggeries with 50 to 500 pigs, and 500 for piggeries with less than 50 pigs
Piggery – extensive (all premises)	premises on which pigs are fed, watered and housed in outside paddocks or enclosures		DAWA, WRC, local gov't	DAWA Guidelines May 2000			√	√		1000 for all extensive piggeries
Plaster manufacturing	plaster, plasterboard, gyprock or other products comprised wholly or mostly of gypsum are made	√ (78)	local gov't			√	√		√	200

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Ports	bulk material that is loaded or unloaded onto a vessel		local gov't			√	√		√	case by case
Poultry industry	intensive farming		DAWA, WRC, local gov't	CoP - 1999		√	√	√		300-1000, depending on size
Pulp, paper or paperboard manufacturing	manufacture of paper pulp, wood pulp, kraft paper, kraft paperboard, cardboard paper or paperboard	√ (30)	DoIR, WRC, Water Corp.		√ H ₂ S, SO ₂	√	√	√		1000-1500, depending on process used, wastewater treatment system & size
Quicklime plant	clay, limesand or limestone material fired in a furnace or kiln to produce quicklime	√ (43)	DoIR, local gov't		√	√	√			500 for no quarrying on the premises, 1000 if quarrying is conducted
Rabbitries	intensive husbandry		local gov't	1995 flyer			√	√		500
Raceways for motor vehicles	Speedways and drag strips	√	local gov't	draft in preparation		√	√			case by case

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Rendering works	animal matter is processed or extracted for use as fertilizer, stock food or other purposes	√ (16)	WRC, Water Corp., local gov't	CoP - 1991, revised in Oct 1995		√		√		1000-1500, depending on wastewater treatment/disposal system, location & size
Resins manufacturing	polyester resins manufacture	√ (31, 72)	DoIR		√	√	√	√	√	500-1000
Resins manufacturing	rubber & synthetic resins manufacture	√ (31, 72)	DoIR		√	√	√	√	√	1000
Rockwool manufacturing	mineral wool or ceramic fibre manufacture	√ (42)	DoIR, WRC			√	√	√		500
Rubber products manufacturing	using either organic solvents or carbon black		DoIR, local gov't		√ VOCs	√	√	√		300-500
Sawmill	timber (tree) milling		local gov't			√	√			500-1000, depending on location & size

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Scrap metal recycling works	scrap metal is fragmented or melted to recover metal (including lead battery reprocessing)	√ (45, 47)	DoIR, WRC, local gov't	CoP - 1992		√	√	√		300-500
Screening works	screening or sieving of sand, rocks, chemicals and minerals	√ (12, 70)	DoIR, local gov't			√	√			500
Seafood processing	fish or other seafood is processed or packaged	√ (22)	WRC, Water Corp., local gov't					√		500
Service stations, involving vehicle cleaning/detailing facilities & the retailing of spare parts & foodstuffs	for premises operating during normal hours, i.e. Monday - Saturday from 0700-1900 hours		DoIR, local gov't	draft in house	√	√		√	√	50
	freeway service centre (24 hour operations)		DoIR, local gov't		√	√		√	√	100

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	all other 24 hour operations		DoIR, local gov't	draft in house	√	√		√	√	200
Silicon refining	silicon smelter operations	√ (44)	DoIR		√	√	√		√	1500-2000
Smallgoods	not including abattoir facilities or rendering works		Water Corp., local gov't			√		√		100
Smoking, drying or curing operations	meat or other edible products are smoked, dried or cured	√ (Reg. 2)	Water Corp., local gov't	Regs. in Sept 1996	√	√		√		200-300, depending on size
Sodium cyanide manufacturing	production of sodium cyanide	√ (31, 72)	DoIR		√ HCN, NO _x	√	√		√	1000-2000
Sodium silicate manufacturing	production of sodium silicate	√ (31, 72)	DoIR			√	√	√	√	1000
Solar salt manufacturing	salt is produced by solar evaporation	√ (14)	DoIR			√	√			1000

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Starch manufacturing	starch or gluten is manufactured	√ (20)	WRC, local gov't			√	√	√		300-500, depending on size
Straw pulp and paper mill	processing cereal straw and mixing with waste paper to produce container board	√ (30)	WRC, local gov't		√ H ₂ S, SO ₂	√		√		1000-1500, depending on process used, wastewater disposal system & size
Sugar milling or refining	sugar cane is crushed or sugar is refined	√ (21)	DoIR, WRC			√	√	√		1000-1500, depending on wastewater disposal system & size
Sulphuric acid plant	production of sulphuric acid	√ (31, 72)	DoIR, WRC		√ SO ₂ , SO ₃	√	√	√		2000-3000
Tailings disposal	containing cyanide	√ (5)	DoIR, WRC				√	√	√	case by case
	not containing cyanide – (fly ash, red mud)	√ (5)	DoIR, WRC				√	√		case by case

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Tannery	treatment and drying of animal skins, leather and artificial leather – using sulphide process	√ (50)	WRC, Water Corp., local gov't		√ H ₂ S	√		√		1000-2000, depending on process used, wastewater treatment system & location
Tannery	treatment and drying of animal skins, leather and artificial leather – small premises, non-sulphide	√ (50)	WRC, Water Corp., local gov't			√		√		200-300, depending on size & wastewater treatment & disposal system
Textile production – artificial & synthetic fibre manufacturing or treatment	cellulose nitrate, viscose fibre, cellophane, artificial rubber or other man-made textiles manufacture	√ (26, 31, 72)	DoIR, local gov't			√	√	√		500

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– carpet making & other forms of manufacturing, ginning, milling or production of natural fibres	manufacture, bleaching, dyeing or finishing of cotton, linen, woollen yarns & other natural textiles	√ (26)	DoIR, WRC, Water Corp.			√		√		200-300, depending on type of fibre & wastewater treatment & disposal system
Textile operations – chemical or physical processes	using carbon disulphide (CS ₂) as a solvent	√ (26, 31, 72)	WRC, Water Corp., local gov't		√ CS ₂	√		√		500-1000, depending on wastewater treatment & disposal system
– chemical or physical processes	using other substances	√ (26, 31, 72)	WRC, Water Corp., local gov't			√		√		200-500, depending on process used & wastewater treatment & disposal system
Timber preserving premises	timber preservation by chemical means, including chromated copper arsenate (CCA)	√ (29)	WRC, local gov't			√	√	√		300-500, depending on size

Industry	Description of industry	DoE Licence or Registration category (*)	Key Government agencies for advice or approvals	Code of Practice (CoP) / environmental requirements	Impacts					Buffer distance in metres and qualifying notes
					Gaseous	Noise	Dust	Odour	Risk	
Titanium dioxide pigment plant	production of titanium dioxide (Cl ₂ process)	√ (31, 72)	DoIR, WRC		√ Cl ₂ , TiCl ₄	√	√	√	√	2000-3000
Transport vehicles depot	buses, trucks and other heavy vehicles depot		DoIR, local gov't		√	√	√	√		200
Turf farms and lawns	broad-scale turf production		WRC, local gov't	Guidelines - Dec 2001		√	√	√		500
Used tyre storage – general – tyre fitting	premises on which used tyres are stored	√ (56, 57)	WRC, local gov't				√		√	100-200, depending on size
– recycling	premises on which used tyres are crumbed, granulated or shredded	√ (56, 57)	WRC, local gov't		√	√	√	√	√	500-1000

Industry	Description of industry	DoE Licence or Registration category (*)	Key Government agencies for advice or approvals	Code of Practice (CoP) / environmental requirements	Impacts					Buffer distance in metres and qualifying notes
					Gaseous	Noise	Dust	Odour	Risk	
Vanadium mine	extraction and processing of vanadium	√ (5, 12, 70)	DoIR		√	√	√	√	√	1500-3000
Vineyards (viticulture)	broad-scale operations (including winery)	√ (25)	DAWA, WRC, local gov't	CoP - 2002	√	√	√	√		500
Waste disposal industrial liquid waste	site on which liquid waste from other premises is stored, reprocessed, treated or irrigated/discharged	√ (61)	DoH, WRC, local gov't			√		√		case by case
inert landfill site (Class 1)	site only accepting inert waste, contaminated solid waste (meeting criteria for Class 1), special wastes (type 1), as specified, for burial	√ (63)	WRC, local gov't	Draft CoP - May 1997. Guidelines for Acceptance of Solid Waste to Landfill - Jan 2001		√	√			150 for residential uses & an internal buffer of 25 from boundary

Industry	Description of industry	DoE Licence or Registration category (*)	Key Government agencies for advice or approvals	Code of Practice (CoP) / environmental requirements	Impacts					Buffer distance in metres and qualifying notes
					Gaseous	Noise	Dust	Odour	Risk	
putrescible landfill site (Class 2 & 3)	site accepting inert, putrescible, contaminated solid waste (meeting criteria for Class 2 & 3), special wastes (type 1 & 2), as specified, for burial	√ (64, 89)	WRC, local gov't	Guidelines for Acceptance of Solid Waste to Landfill - Jan 2001. Regs (Rural Landfill) 2002. Draft Rural Landfill Management CoP	√	√	√	√		500 for sensitive uses (subdivisions), 150 for single residences & an internal buffer of 35 from boundary
secure landfill site (Class 4)	site accepting inert waste, contaminated solid waste (meeting criteria for Class 2, 3 & 4) and special wastes (type 1 & 2), as specified, for burial	√ (65)	DoH, WRC, local gov't	Guidelines for Acceptance of Solid Waste to Landfill - Jan 2001	√	√	√	√	√	case by case

Industry	Description of industry	DoE Licence or Registration category (*)	Key Government agencies for advice or approvals	Code of Practice (CoP) / environmental requirements	Impacts					Buffer distance in metres and qualifying notes
					Gaseous	Noise	Dust	Odour	Risk	
intractable waste landfill site (Class 5)	site only accepting intractable waste, as specified, for burial	√ (66)	DoH, WRC, local gov't	Guidelines for Acceptance of Solid Waste to Landfill - Jan 2001		√	√	√	√	case by case
waste depot	premises on which waste is stored or sorted, pending final disposal or re-use	√ (62)	DoH, WRC, local gov't	Guidelines for Acceptance of Solid Waste to Landfill - Jan 2001		√	√	√		200
waste – resource recovery plant	premises on which solid waste is stored, reprocessed, treated or discharged	√ (60, 61A, 67)	DoH, WRC, local gov't		√	√		√	√	case by case

Industry	Description of industry	DoE Licence or Registration category (*)	Key Government agencies for advice or approvals	Code of Practice (CoP) / environmental requirements	Impacts					Buffer distance in metres and qualifying notes
					Gaseous	Noise	Dust	Odour	Risk	
Wastewater treatment plant	sewage treatment facility (including Mechanical/Biological and Pond Systems and Facultative Pond Systems) 20-100 m ³ per day >100 m ³ per day	√ (85) (54)	Water Corp., Fisheries, WRC, local gov't		√	√		√	√	buffer studies in progress to determine appropriate separation distances
Wastewater disposal site (treated sewage)	site from which treated sewage is discharged (including by Spray irrigation and Flood/Channel Irrigation): 20-100 m ³ per day >100 m ³ per day	√ (85) (54)	Water Corp., Fisheries, WRC, local gov't DoH					√	√	case by case
Wastewater pumping stations	vacuum pumping station		local gov't	√	√	√		√	√	20
	wastewater pumping station (</= 40L/s)		local gov't	√	√	√		√	√	10

Industry	Description of industry	DoE Licence or Registration category (*)	Key Government agencies for advice or approvals	Code of Practice (CoP) / environmental requirements	Impacts					Buffer distance in metres and qualifying notes
					Gaseous	Noise	Dust	Odour	Risk	
	wastewater pumping station (</= 90L/s)		local gov't	√	√	√		√	√	20
	wastewater pumping station (</= 180L/s)		local gov't	√	√	√		√	√	30
	wastewater pumping station (</= 350L/s)		local gov't	√	√	√		√	√	50
	wastewater pumping station – major		Water Corp., WRC		√	√		√	√	150
Wastewater tanking manhole	used as a temporary measure – buffer primarily for visual amenity		Water Corp., local gov't	√	√			√	√	100
oxygen injection site	with a storage tank		DoIR			√			√	10 (under review)
oxygen injection site	with an on-site generator		DoIR			√				20 (under review)

Industry	Description of industry	DoE Licence or Registration category (*)	Key Government agencies for advice or approvals	Code of Practice (CoP) / environmental requirements	Impacts					Buffer distance in metres and qualifying notes
					Gaseous	Noise	Dust	Odour	Risk	
odour control facility	varying process		DoIR			√				30 (under review)
Water treatment plants	including chemical dosing facilities for potable water	√ (Reg. 4)	DoIR, WRC	Regs. in Sept 1996	√	√		√	√	case by case – (under review)
Water pumping stations	minor		local gov't	√		√				20 (under review)
	major		local gov't	√		√				25 (under review)
Water supply regulating valves	>/= 300mm diameter		local gov't	√		√				16 (under review)
Cathodic protection ground beds	induced electrical current to protect pipes from corrosive soils		local gov't	√					√	case by case – (under review)
Wood-board manufacturing – (including MDF plants)	premises on which particleboard or chipboard is fabricated or manufactured	√ (28)	DoIR, WRC			√	√	√		1000-2000, depending on size and location

Industry	Description of industry	DoE Licence or Registration category (*)	Key Government agencies for advice or approvals	Code of Practice (CoP) / environmental requirements	Impacts					Buffer distance in metres and qualifying notes
					Gaseous	Noise	Dust	Odour	Risk	
Woolscouring	scouring and primary treatment of wool	√ (27)	DoIR, WRC			√	√	√		500-1000, depending on wastewater treatment & disposal system & size
Wreckers (automotive)	vehicle parts recycling		local gov't	CoP - Oct 1997		√	√			300

Notes on table

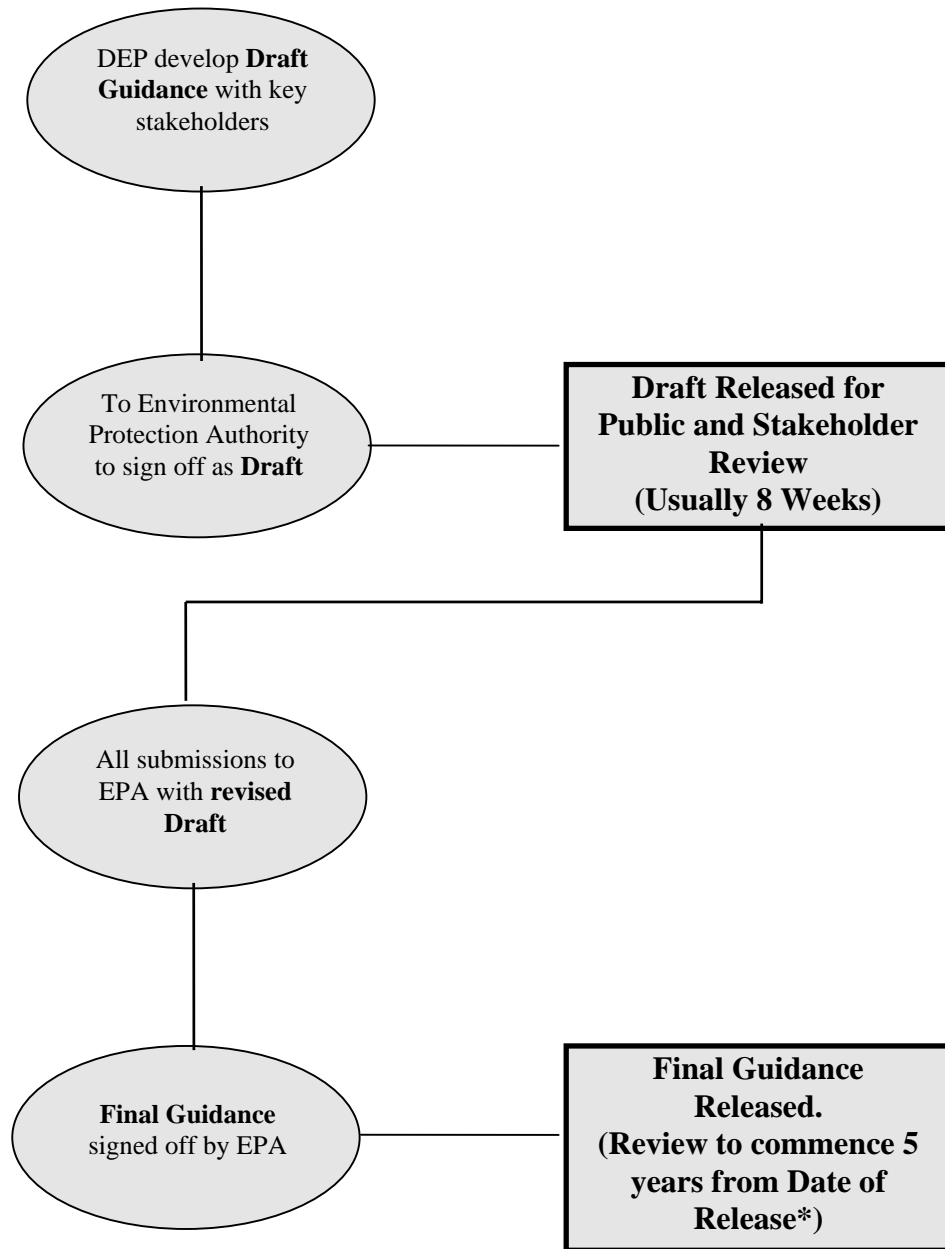
DAWA	Department of Agriculture Western Australia
DoE	Department of Environment
DoH	Department of Health
DoIR	Department of Industry and Resources
DPI	Department for Planning and Infrastructure
Fisheries	Department of Fisheries
WRC	Water and Rivers Commission (to become the Department of Environment)

* Certain industries with the potential to pollute the environment (prescribed premises) must hold a Works Approval (for construction) and a Licence or Registration (for operation) under the *Environmental Protection Act 1986*. The *Environmental Protection Regulations 1987* set out the categories for prescribed premises.

Prescribed premises must hold a Works Approval prior to commencing any work or construction on a premises that would cause the premises to become prescribed. Prior to operating these premises a Licence must be obtained for some categories of prescribed premises (covered under Schedule 1, Part 1 of the Regulations). The remainder of the categories of prescribed premises may be registered instead of holding a Licence but still require a Works Approval to construct (Schedule 1, Part 2). A further five categories of premises require a registration only and do not require a Works Approval (Schedule 2).

The Department of Environment can refer any proposal that needs a Works Approval, Licence or Registration to the EPA. Usually the Department refers a proposal to the EPA if it has the potential to cause significant environmental impacts. This is generally the case if the siting is inappropriate, i.e. too close to residential areas, coastal areas, wetlands or areas protected by Environmental Protection Policies.

Appendix 2: Generic Flow Diagram for the Guidance Statement Process



* Guidance may be reviewed earlier if circumstances require it.

Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 26 August 2021 4:28 PM
To: rheanna.nagy@hotmail.com
Subject: DA/25/2021 Hydrogen Park Gladstone Submission
Attachments: DA-25-2021 Submission.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Rheanna Nagy <rheanna.nagy@hotmail.com>
Sent: Thursday, 26 August 2021 4:26 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>; Matt Burnett <mayor@gladstone.qld.gov.au>; Kahn Goodluck <Kahn.Goodluck@gladstone.qld.gov.au>; gladstone@parliament.qld.gov.au
Subject: DA/25/2021 Hydrogen Park Gladstone Submission

Good Afternoon,

Please find a submission attached regarding DA/25/2021, Hydrogen Park Gladstone. I have previously requested a copy of the application and called the council office but I am yet to hear back.

Also wondering if there be a community consultation opportunity for this development?

Kind Regards,

Rheanna Nagy

M: 0434 551 651

E: rheanna.nagy@hotmail.com

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Rheanna & Ernie Nagy
18 Sanctuary Place
South Gladstone QLD 4680
0434 551 651
Rheanna.nagy@hotmail.com

23 August 2021

Gladstone Regional Council, Cr Mayor Burnett and

Ref: DA/25/2021

mayor@gladstone.qld.gov.au

info@gladstone.qld.gov.au

Kahn.goodluck@gladstone.qld.gov.au

Submission of Concern for Hydrogen Park Gladstone site location

Dear Gladstone Regional Council, Cr Mayor Burnett and Cr Khan Goodluck and MP Glenn Butcher;

I am writing as a long-term resident in South Gladstone with concerns about the location of the proposed Hydrogen Park Facility, reference DA/25/2021.

As my husband was passing the council depot over the weekend he noticed a sign with the proposed development of 43 Derby Street, for the new Hydrogen Park Gladstone plant.

In truth, the sign was so unnoticeable that we aren't sure how long it has been erected for and we drive past the site at least four times per day.

We are large supporters of renewable energy and have been excited about the introduction of Hydrogen technology in the region for some time but that was never under the assumption that this processing plant was going to be built in what is essentially our backyard.

We also feel that most of the media representations have eluded to the location/proposed location and we know that there would have been substantial community backlash if this had been communicated transparently.

Our main concerns are safety to the immediate area if something was to go array and we would like some more information on potential blast zones, processing plant emissions and what the site will look like once constructed from the road. We are also concerned regarding the proximity to Gladstone South Primary School.

We know you value your constituents and look forward to further discussion and some more transparency with the public regarding this matter.

Sincerely,

Rheanna & Ernie Nagy

Shaunte Farrington

From: Info (Mailbox)
Sent: Thursday, 26 August 2021 8:42 AM
To: VEACHM@qal.com.au
Subject: DA-25-2021 Submission - Veach
Attachments: DA-25-2021 Submission - Veach.docx

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Veach, Mark <VEACHM@qal.com.au>
Sent: Thursday, 26 August 2021 8:40 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: FW: DA-25-2021 Submission - Veach

See submission re: D/25/2021

Regards

Mark and Lisa Veach

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Mark and Lisa Veach
22 Sanctuary Place
South Gladstone QLD 4680
0429 495 739
markveach@aanet.com.au

25 August 2021

Gladstone Regional Council, Cr Mayor Burnett,
Ref: DA/25/2021

[*mayor@gladstone.qld.gov.au*](mailto:mayor@gladstone.qld.gov.au)

[*info@gladstone.qld.gov.au*](mailto:info@gladstone.qld.gov.au)

Kahn.goodluck@gladstone.qld.gov.au

Gladstone@parliment.qld.gov.au

Submission of Concern for Hydrogen Park Gladstone site location.

Dear Gladstone Regional Council, Cr Mayor Burnett, Cr Khan Goodluck and MP Glenn Butcher;

I am writing to express my concerns and formal objection to the above referenced DA of the proposed Hydrogen Park.

As a long-term resident of South Gladstone, I want to go on record with concerns about the location of the proposed Hydrogen Park Facility. This facility will be 600m from South Primary School, 500m to the closest residential dwelling, and only 1 km from my residence.

As a former Operations Shift Manager with APLNG, I can speak from experience the required safety systems and operational rigor required to operate and maintain a Hazardous gas facility. To have this facility so close to a major connecting road and residential area brings unnecessary risk to the immediate area and those that live around it.

I'm am not opposed to the initiative taken by the Mayor, and local member to make this happen for Gladstone. Green energy is the future and we should be on the front foot leading the way as the engine room of Queensland. However, my family and fellow residents are concerned that the people copied in on this correspondence think it reasonable to locate this facility in our backyard. Gladstone has zoned industrial and light industrial areas within the proposed gas distribution area that surely would be more suitable for hydrogen production and injection into the network, away from schools and residential dwellings.

I would like to request a copy of the Safety Case developed by AGIG for this project for government approval to understand calculated Blast zones, Process safety and Engineering design considerations, and associated fire and gas detection systems proposed for the project.

Additionally, transparency of the DA is a little questionable. The sign located on Derby Street is located well back from view and currently laying on the ground. Media exposure around this proposal in a residential area would bring community backlash and raise similar concerns.

22 Sanctuary Place
South Gladstone QLD 4680
0429 495 739
markveach@aonet.com.au

I am sure you value your local residents' opinions and look forward to further discussion and some more transparency with the public regarding this matter.

Sincerely,

Mark and Lisa Veach

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 27 August 2021 5:02 PM
To: markveach@aanet.com.au
Subject: DA-25-2021 Submission - Veach
Attachments: DA-25-2021 Submission - Veach.docx

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jessica Spurway
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Mark <markveach@aanet.com.au>
Sent: Wednesday, 25 August 2021 11:43 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>; Matt Burnett <mayor@gladstone.qld.gov.au>; Kahn Goodluck <Kahn.Goodluck@gladstone.qld.gov.au>; gladstone@parliment.qld.gov.au
Subject: Fwd: DA-25-2021 Submission - Veach

Good morning.

Please review submission for DA/25/2021.

Regards

Mark Veach.

Get [BlueMail for Android](#)

On 25 Aug 2021, at 10:38 am, "Veach, Mark" <veachm@gal.com.au> wrote:

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whatever reason this email is received by someone other than the intended recipient, you are requested to notify the sender promptly by telephone, email or facsimile and destroy and delete all copies of the original message. Personal information will only be disclosed to a third party with your written authorisation or as required by law – Refer to Council's website for more information relating to [Privacy](#) or [Right to Information](#).

Mark and Lisa Veach
22 Sanctuary Place
South Gladstone QLD 4680
0429 495 739
markveach@aanet.com.au

25 August 2021

Gladstone Regional Council, Cr Mayor Burnett,
Ref: DA/25/2021

[*mayor@gladstone.qld.gov.au*](mailto:mayor@gladstone.qld.gov.au)

[*info@gladstone.qld.gov.au*](mailto:info@gladstone.qld.gov.au)

Kahn.goodluck@gladstone.qld.gov.au

Gladstone@parliment.qld.gov.au

Submission of Concern for Hydrogen Park Gladstone site location.

Dear Gladstone Regional Council, Cr Mayor Burnett, Cr Khan Goodluck and MP Glenn Butcher;

I am writing to express my concerns and formal objection to the above referenced DA of the proposed Hydrogen Park.

As a long-term resident of South Gladstone, I want to go on record with concerns about the location of the proposed Hydrogen Park Facility. This facility will be 600m from South Primary School, 500m to the closest residential dwelling, and only 1 km from my residence.

As a former Operations Shift Manager with APLNG, I can speak from experience the required safety systems and operational rigor required to operate and maintain a Hazardous gas facility. To have this facility so close to a major connecting road and residential area brings unnecessary risk to the immediate area and those that live around it.

I'm am not opposed to the initiative taken by the Mayor, and local member to make this happen for Gladstone. Green energy is the future and we should be on the front foot leading the way as the engine room of Queensland. However, my family and fellow residents are concerned that the people copied in on this correspondence think it reasonable to locate this facility in our backyard. Gladstone has zoned industrial and light industrial areas within the proposed gas distribution area that surely would be more suitable for hydrogen production and injection into the network, away from schools and residential dwellings.

I would like to request a copy of the Safety Case developed by AGIG for this project for government approval to understand calculated Blast zones, Process safety and Engineering design considerations, and associated fire and gas detection systems proposed for the project.

Additionally, transparency of the DA is a little questionable. The sign located on Derby Street is located well back from view and currently laying on the ground. Media exposure around this proposal in a residential area would bring community backlash and raise similar concerns.

22 Sanctuary Place
South Gladstone QLD 4680
0429 495 739
markveach@aanet.com.au

I am sure you value your local residents' opinions and look forward to further discussion and some more transparency with the public regarding this matter.

Sincerely,

Mark and Lisa Veach

Shaunte Farrington

From: Info (Mailbox)
Sent: Friday, 3 September 2021 7:54 AM
To: aliciaaw@locationsestateagents.com.au
Subject: Objection to Hydrogen Park, South Gladstone
Attachments: Ojection to DA_25_2021 Hydrogen Plant.docx

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Alicia Williams <aliciaw@locationsestateagents.com.au>
Sent: Thursday, 2 September 2021 5:26 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to Hydrogen Park, South Gladstone
Importance: High

Hi,

Please find attached our objection submission to the proposed Hydrogen Park, South Gladstone QLD 4680.

Regards

Alicia Williams

Director | Property Sales Specialist

57 Goondoon Street, Gladstone Q 4680

PO Box 8197, South Gladstone Q 4680

E alicia@locationsestateagents.com.au

P (07) 4972 2484

M 0432 686 751



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LOCATIONS estate agents

Alicia Williams

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RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	Alicia Williams & Joel Boyle
Residential Address:	15 Sanctuary Place, South Gladstone QLD 4680
Phone Number:	0432 686 751
Email:	alicia@locationsestateagents.com.au

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:

1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
2. The plant does not fit into the nearby residential buildings, school or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.
3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People

need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).

4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.
6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?
7. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.
8. Buried deep in the proposal around the land tenure is the following clause...

" Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Signature:	<i>Alicia Williams & Joel Boyle</i>
Name:	Alicia Williams & Joel Boyle
Date:	2/9/21
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Tuesday, 31 August 2021 10:38 AM
To: gladstonefishing@bigpond.com
Subject: Objection to Development Application DA/25/2021
Attachments: RE Objection to Development Application.pdf; Untitled attachment 00079.txt

Please find below email received. Please note, this has not been registered in ECM.

If this email does not relate to your Department, please advise the Records Team.

Regards

Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

-----Original Message-----

From: gladstonefishing@bigpond.com <gladstonefishing@bigpond.com>
Sent: Tuesday, 31 August 2021 10:06 AM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Objection to Development Application DA/25/2021

As per attached document. I object to DA/25/2021

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RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 42 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	JENNIFER MCGUIRE
Residential Address:	8 LINGWOOD PLACK GLEN EDEN
Phone Number:	0418 886 739
Email:	gladstonefishing@bigpond.com

Attention: Assessment Manager

To Whom it May Concern,

The current DA is for stage 1 generation and injection. But according to all the information relating to this development the Government and the Gladstone Regional Council outline expansion for refueling and increased production to export to the world.

I object to this development proposal because:


1. This area is proposed to be developed on a community facility zoned land. As per council code; this land should be used for "higher order community facilities, generally in the Gladstone urban area. Community facilities may include the provision of municipal services, government installations, hospitals and schools and community infrastructure of an artistic, social, or cultural nature. The purpose of the zone clearly provides for the development of facilities and municipal services that meet the need of the local Gladstone community." Only 780 residents in Gladstone are on domestic gas service, so it is not a community benefit. Even if the nearby Gladstone Regional Council depot had strategic plans to convert to this hydrogen fuel source for their entire fleet this still doesn't meet the criteria of a higher order community facility.
2. The plant does not fit into the nearby residential buildings, school or TAFE oval. Aesthetically the proposal outlines it will be hidden behind the trees; however, the plant will be completely secure behind what looks like prison fencing.
3. Due to the nature of the plant containing the most flammable gas on the planet – hydrogen – the fencing must be secure to keep the nearby passing school children and after hours CBD delinquents 100 % safe. People should not be able to access the plant in any way. People

need to be kept away from being able to damage the plant to cause leakage or explosion (EG: throw a rock over the fence and penetrate a small dimension pipe).

4. The current application doesn't include sealing the existing gravel road. The nearby residents should not be impacted by airborne dust particulate generated from accessing this facility. In addition, the rocks and debris should be removed from around this facility due to the high risks contained in point #3 (above).
5. Full scale export will see trucks towing hydrogen trailers driving around town, turning in/out of Derby Street on the approved B double access road. Planning applications should redirect heavy vehicle traffic to outside of Gladstone. It does not make sense to increase heavy vehicle traffic in South Gladstone near a school.
6. The noise study says traffic will drown out plant noise. However, no background noise measurements have been completed yet as per report; instead assumptions have been made for modelling. Equipment in the water treatment plant of the facility showing 89Db at full load. What happens in the evening to 10pm when there is not a lot of traffic?
7. Please refer to the installation AGIG operates in Thornsley South Australia. It is built in a dedicated industry and innovation zone. Which is an appropriate area, and not 90m from nearest residents or 200m from a school on a major connection road for B double traffic.
8. Buried deep in the proposal around the land tenure is the following clause...

" Lot 43 on SP165461 is crown reserve (ROC/021218) for strategic land management with GRS as trustee. Reserves of strata land management are used for land that is to be held from sale or disposal because of its potential to contribute to future strategic development of the state. GRC HAVE GRANTED AGN (Australian gas network) A TRUSTEE LEASE (30-year term) OVER A PORTION OF LOT 43 WHICH IS CURRENTLY IN THE PROCESS OF BEING REGISTERED WITH THE TITLES REGISTRY OFFICE. GRC HAVE DETERMINED THAT THE PROPOSED DEVELOPMENT IS CONSISTANT WITH RESERVE PURPOSE AND THEREFORE MINISTERIAL APPROVAL IF LESSEE IS NOT REQUIRED, in accordance with written authority No.1 (2020)- section 64 of the land act 1994. A Trustee lease under the land act 1984 does not constitute a reconfiguration for a lot for the purposes if the planning act 2016. OWNERS CONSENT TO THE DEVELOPMENT APPLICATION HAS BEEN OBTAINED FROM GRC AS THE TRUSTEE FOR THE RESERVE"

Regards,

Signature:	
Name:	JENNIFER MCGUIRE
Date:	31-8-2021
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Tuesday, 31 August 2021 3:43 PM
To: mcguirejen@icloud.com
Subject: Objection to Development Application
Attachments: RE Objection to Development Application.pdf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards



Jakob Humphries
Records Management Officer
Finance Governance and Risk

PO Box 29 Gladstone Qld 4680
P 4970 0700 | W www.gladstone.qld.gov.au

CONNECT. INNOVATE. DIVERSIFY.

From: Jennifer McGuire <mcguirejen@icloud.com>
Sent: Tuesday, 31 August 2021 3:27 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: RE: Objection to Development Application

Sent from my iPhone

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RE:	Objection to Development Application DA/25/2021 <ul style="list-style-type: none"> • Address Lot 43 SP 165451, Derby Street, South Gladstone QLD 4680 • Proposal Development Permit for Material Change of Use – Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution) • Development Objection Period Dates 13 August 2021 to 3 September 2021
<u>PERSON MAKING SUBMISSION</u>	
Name:	JOSEPH MCGUIRE
Residential Address:	8 LINDWOOD DR PACE GLEN EDEN 4680
Phone Number:	0428 790 885
Email:	info@allstarsinsalt.com.au

Attention: Assessment Manager

To Whom it May Concern,

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Regards,

Signature:	
Name:	JOSEPH MCGUIRE
Date:	31-8-2021
Email to:	Info@gladstone.qld.gov.au

Shaunte Farrington

From: Info (Mailbox)
Sent: Wednesday, 1 September 2021 8:13 AM
To: tpgc3737@tpg.com.au
Subject: Comments on Development Application DA/25/2021
Attachments: Comments on DA25 - 2021 Rev. 2.docx; tpgc3737.vcf

Thank you for contacting Gladstone Regional Council.

This response is to let you know we have received your email and that it has been tasked to the relevant business unit for action.

If your enquiry is urgent you can call (07) 4970 0700 at any time.

Regards

Jessica Spurway
Records Management Officer
Finance Governance and Risk
Gladstone Regional Council
PO Box 29 Gladstone Qld 4680
P (07) 4970 0700 | W www.gladstone.qld.gov.au

-----Original Message-----

From: Malcolm Leinster <tpgc3737@tpg.com.au>
Sent: Tuesday, 31 August 2021 11:51 PM
To: Info (Mailbox) <info@gladstone.qld.gov.au>
Subject: Comments on Development Application DA/25/2021

Dear Administrator,

Would you please acknowledge receipt of this e-mail, and ensure that it is forwarded to the relevant staff in the Planning Department. I intend to deliver a hard copy by hand.

Yours sincerely,

Malcolm Leinster

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Malcolm Leinster
49 Wilson Street,
New Auckland, QLD 4680.
Phone 07 4978 1331
Mobile 0427 639 429
E-mail malcolm.leinster@tpg.com.au

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This email has been checked for viruses by AVG.

<https://www.avg.com>

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49 Wilson Street,
Gladstone, QLD 4680
27 August, 2021.

The Planning Manager,
Gladstone Regional Council,
PO Box 29
GLADSTONE QLD 4680

Dear Planning Manager,

**Material Change of Use - Impact - Renewable Energy Facility
(Hydrogen Production and Blending) and Utility Installation
(Gas Distribution)
Application ref: DA/25/2021**

This submission is in response to the recent notice published by Gladstone Regional Council shown as Appendix 1.

Background

This submission covers questions in relation to safety, town planning, and liveability for neighbours, and concludes that the project should not be approved on the bases of

1. The limited information available and
2. Very recent proposed developments that would render it unnecessary.

Preliminary Comment

The writer of these comments is not opposed in principle to the supplementation or replacement of existing fossil-based gas supplies with renewable powered hydrogen, and is in favour of the use of renewable energy to supplement / replace existing fossil based energy sources.

General Comment

The basic justification for this facility is abatement of atmospheric pollution by carbon dioxide, and yet overlooks opportunities for further abatement by reducing water consumption and reducing the energy consumption in producing industrial or medical oxygen. This seems to indicate only lip service to environmental improvement – the justification for the project.

The information disclosed in Development Submission DA/25/2021 gives the impression of a minimum-cost exercise, where even basic steps such as sealing the access road and properly attending to stormwater runoff have been consciously excluded. Sourcing of major components from China (see Noise Calculations) raises questions about the integrity of critical components such as electrolyzers, coolers, valves, pressure vessels and pipework. The common philosophy of “build it cheap and fix the defects later” is not acceptable in a facility such as this, which is proposed for installation close to a residential area.

Siting

The developer’s publicity material answers its own question of “Why Gladstone?” but does not address the issue of “Why Derby Street?” No reasoning is given for the placement of this facility

close to residences, public facilities, and a major road, when it would reasonably be expected to be sited in a properly serviced industrial precinct with minimal risk to public safety.

The more recent announcement of hydrogen injection into the gas supply at Rio Tinto Yarwun raises the question - “Why isn’t a single facility at Yarwun installed for the whole Gladstone area, avoiding the need for a facility at Derby Street?”

Government documents and the Development Submission envisage future expansion of the project on this site. This application can be seen as “the thin end of the wedge”, making later expansion proposals more difficult to reject.

Technical

There is insufficient information in the Development Submission to allow a reader to be satisfied that the proposed equipment has been fully identified and documented. This raises questions regarding noise generation. The only Process and Instrumentation Diagram (in the Noise Assessment) does not provide enough information to understand the process fully.

It is not clear whether hydrogen is -

- (a) produced at low pressure, and then compressed to the storage pressure,
- (b) produced at high pressure and then bled directly to the storage vessel,
- (c) or some other combination.

In any of the above cases, compressors, pumps, and pressure reducing valves seem to be missing. These components are potential noise sources and also sources of failure.

Safety

It is proposed to store up to 10 kg of H₂ gas in a 4000 litre storage vessel. This implies an operating pressure of up to 3300 kPa with hazard level B according to AS4343 – 2005. As this storage vessel is intended to cater for daily fluctuations in demand and generation, its service conditions will have a high cyclic fatigue component, potentially increasing the risk of failure compared to a static vessel. (This should be covered adequately in the initial design and construction, but no relevant information is provided.)

It is not clear that a proper safety assessment on the installation has been carried out, and whether the cost of the project will be increased by compliance with good safety practice. An application such as this should show evidence of HAZOP studies, detailed quantitative risk assessments, and sign-off by a Registered Professional Engineer of Queensland.

The proposal to dispense compressed hydrogen by road increases the risk to road users from interactions with more heavy vehicles, and from other safety incidents with poorly regulated road transport. Large scale transport of compressed hydrogen should be by rail or ship.

Noise

The noise assessment states that no background noise readings have been taken. The process relies on desktop estimates. Surely proper noise surveys can be conducted.

Lack of process information leads to lack of confidence in the noise assessment.

Environmental

The proposed plant uses evaporative cooling from the town water supply to control the temperature of the electrolyser. As Gladstone's water supply is currently at risk from droughts, this method of cooling seems to be irresponsible in the long term. Why was dry cooling not employed? Why was process heat not used to distil effluent brine to produce pure water for the process?

The by-product oxygen is vented from the plant. As this could be seen as a zero-cost item, why is it not being collected for use in industry? The purpose of this plant is for carbon abatement, and this opportunity to substitute for energy-intensive air separation seems to be ignored.

Has there been any investigation into use of the by-product hydrogen gas vented from the electro-chlorination plant at Gladstone Power Station?

Conclusion

Insufficient reasons and information have been provided to justify siting this hydrogen generation and gas injection facility in Derby Street, Gladstone. The narrow focus of the proposed development and ignoring of associated opportunities for greenhouse gas abatement indicate that this project needs to be re-evaluated in light of regional energy integration and of recent large-scale hydrogen enhancement proposals.

I conclude that the application should not be accepted or progressed in its current form.

M. G. Leinster

Malcolm Leinster F.I.E.Aust., C.P.Eng., R.P.E.Q.

Appendix A

Proposed Development

Make a submission from
13 August 2021 to 3 September 2021

Material Change of Use - Impact - Renewable Energy Facility (Hydrogen Production and Blending) and Utility Installation (Gas Distribution)

Where: Lot 43 SP 165451, Derby Street, SOUTH
GLADSTONE QLD 4680

On: Lot 43 SP 165451

Approval sought: Development Permit for a Material Change of Use
for a Renewable Energy Facility (Hydrogen
Production and Blending) and Utility Installation
(Gas Distribution)

Application ref: DA/25/2021

You may obtain a copy of the application and make a submission to:
Gladstone Regional Council

PO Box 29
GLADSTONE QLD 4680
Info@gladstone.qld.gov.au
(07) 4970 0700
www.gladstone.qld.gov.au

Public notification requirements are in accordance with the Planning Act 2016.