

# Further Submission Form: Proposed Plan Change 4



Submission date: **15 March 2021, 3:58PM**  
Receipt number: **7**  
Related form version: **3**

## 1. Further Submitter Contact Details

Title:	<b>Mr</b>
Full Name:	<b>Daniel Haigh</b>
Name of Organisation:	<b>Horowhenua District Council – Infrastructure Development Group</b>
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## 2. Further Submitters

Select as appropriate: **I have an interest in the Proposed Plan Change  
greater than the interest that the general public has.**

## 3. Further Submission Details

Submitter's Name:	<b>Waka Kotahi NZTA</b>
Submitter's Address for Service:	<b>Private Bag 6995 Marion Square Wellington 6141</b>
Submission Number:	<b>34</b>

## 4. Further Submission Particulars

The particular parts of the submission I support (or oppose) are:

**We neither support nor oppose Submission 34 on stormwater matters. Submission 34 discusses stormwater matters in paragraphs 55 – 61. We agree with the submission where it seeks to have close cooperation between HDC and Waka Kotahi on stormwater matters. Both parties recognise potential for technical and public benefit from close collaboration on these matters. The Tara-Ika Stormwater Management Plan set out a potential positioning of stormwater treatment, attenuation and disposal basins within the O2NL corridor, in conjunction with highway infrastructure within the corridor. There was also the technical possibility of extreme event secondary flows from Tara-Ika being conveyed to the north in a cut-off swale associated with the O2NL infrastructure so that these extreme event flows did not continue westward towards the Town Centre.**

**Technical assessment of stormwater matters by our team over the past 3 months have confirmed the intention to have publicly owned and operated communal stormwater treatment, attenuation and disposal basins servicing the Tara-Ika zone, in addition to on-site private stormwater rain tanks and disposal to soakage for roof water from individual dwellings for the majority of Tara-Ika.**

**Submission 34 states in paragraph 61 that HDC and developers are wholly responsible for mitigating the**

effects generated from their activities. WK have advised that where upstream stormwater can be managed to avoid their corridor, they would expect that to occur so that stormwater effects are managed accordingly.

Submission 34 does not state when O2NL will be implemented, it is possible the O2NL project might not progress at the same time as the Tara-Ika project and it could be delayed for several years. If this occurred, stormwater infrastructure needed for Tara-Ika would have to be implemented prior to the construction of the O2NL project.

Under this scenario, locating the stormwater basins immediately adjacent to the highway, potentially within the O2NL corridor, might conflict with the construction footprint of the O2NL project in the future. As it would be inefficient to have to move the stormwater infrastructure if the O2NL project proceeded with their Notice of Requirement and construction in the future, we consider it prudent to allocate a Stormwater Purposes framework into the Plan Change for areas potentially required for stormwater purposes.

## 5. Further Submission Reasons

The reasons for my support (or opposition) are:

To achieve an efficient and pragmatic technical solution for stormwater treatment and disposal that fits with both the Tara-Ika zone and the potential O2NL project.

We have therefore identified the required location of several stormwater areas required for stormwater infrastructure and these are shown on attached drawing 12536997-C001.

The stormwater areas will contain public stormwater treatment basins/wetlands, attenuation basins and soakage disposal basins. Stormwater runoff from roads and non-roof areas will be piped to these communal public stormwater infrastructure basins. The Koputaroa Basins A & B are required to contain the flows from the eastern section of Tara-Ika, which drain to the Koputaroa Stream. Discharge of this upper catchment area to the Koputaroa Stream is required so that the extreme event flows discharged to the O2NL corridor are minimised, as requested in the WK submission.

The other basins adjacent to the O2NL potential corridor have been positioned in expectation of a future application for the O2NL Notice of Requirement with sufficient separation to not interfere with the implementation of the O2NL project if it proceeds. These basins include stormwater disposal basins that are designed to cater for the 100-year return period extreme event so that extreme event overland flow is not discharged towards the urban area of Levin on the western side of Arapaepae Road.

If O2NL proceeds and if it incorporates a large cut-off swale to the north, some of the disposal basin areas could be abandoned and the footprint used for other land uses.

## 6. Further Submission Decision Sought

I seek the whole (or part) of the submission to be allowed (or disallowed):

**Introduce a Stormwater Purposes special zone for the areas shown on drawing 12536997-C001 into the Taraika Plan Change 4 or other similar change to effectively manage stormwater.**

## 7. Proposed Plan Change Hearing

Do you wish to attend the Council hearing for the Proposed Plan Change?

**Yes**

Do you wish to speak in support of your submission?

**Yes**

If others make a similar submission would you be prepared to consider presenting a joint case at the hearing?

**No**

Would you like to make your verbal submission in Te Reo Māori?

**No**

Sign language interpretation required?

**No**

Submission Attachments:

[12536997-0815-Taraika\\_WQ\\_Footprints-C001.pdf](#)

## Declaration

Signature of Submitter:

Name of signatory: **Daniel Haigh**



[Link to signature](#)

Date:

15/03/2021

## Office Use Only

Date Received:

CM9 Number:

Submission No:



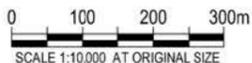
**LEGEND**

- BASIN FOOTPRINTS
- CATCHMENT BOUNDARIES
- ON-SITE SW MANAGEMENT
- MEDIUM DENSITY RESIDENTIAL
- STANDARD DENSITY RESIDENTIAL
- GREENBELT RESIDENTIAL
- OPEN SPACE
- COMMERCIAL LAND USE
- EDUCATION LAND USE



**FOR INFORMATION**

A FOR INFORMATION				TDS	DA	11/03/21
No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date



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<b>DO NOT SCALE</b>	Drawn T. DA SILVA	Designer
GHD Limited Conditions of Use. This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.	Drafting Check	Design Check
	Approved (Project Director)	Date
	Scale	This Drawing must not be used for Construction unless signed as Approved

Client	<b>HOROWHENUA DISTRICT COUNCIL</b>
Project	<b>TARAIIKA GROWTH AREA</b>
Title	<b>STORMWATER BASIN FOOTPRINT</b>
Original Size	<b>A3</b>
Drawing No:	<b>12536997-C001</b>
Rev:	<b>A</b>

Horowhenua District Council

Via email: [growth@horowhenua.govt.nz](mailto:growth@horowhenua.govt.nz)

**RE: Further Submission on Tara-Ika Growth Area – Plan Change 4**

This further submission is to be read in addition to the original submission I made on the Tara-Ika Structure Plan.

I have reviewed the content of the submissions received, and make the following comment in relation to the submissions received.

Submission 25 – Horowhenua District Council.

Horowhenua District Council, in its officers submission, make a number of suggestions for ‘upzoning’ certain areas of the structure plan, for the purposes of providing adequate development capacity.

In my submission, I requested additional areas of our land be zoned from low-density residential, to residential.

Upon reviewing this submission, I would like to confirm that we are in *full support of this submission insofar that it relates to rezoning our property entirely from low-density residential to residential*, for the reasons outlined in the officers submission. Not only would it make our block more feasible to develop, but it is beneficial for the wider society of making good use of serviced, residential zoned land.

Submission 27 – Brendon McDonnell

Mr McDonnell in his submission requests that additional land towards the Tararua Road is re-zoned from low density residential to residential. I agree with this sentiment for the reasons outlined above.

Submission 30 – Horizons Regional Council

Horizons Regional Council in their submission, note that there is no flood modelling available for this land, and therefore there is little historic knowledge of the flooding history (or lack-off) for this area.

Whilst not scientific in any respect, I note that our land has been in the family since 1963, and during this time, there has been no known flooding. Furthermore, being stony land, there has always been particularly good drainage.

Submission 34 - Waka Kotahi NZTA

In its submission, Waka Kotahi NZTA raises a number of matters that I wont respond to. However, I note Waka Kotahi NZTAs request that an additional 100m is added onto the alignment for the Otaki to North Levin Highway.

Whilst I am generally in support of the alignment of the highway, and fully appreciate the need for this highway to progress, I am strongly opposed to this request from NZTA. The Masterplan provides for a 300m alignment, which I understand will result in a formed road of around 30m (excluding interchanges).

Waka Kotahi has been talking about this road for many years, and has had ample opportunity to refine this design. Setting aside an additional 100m either side of the 300m corridor will result in a

half-kilometre strip of land, far exceeding any real requirements for roading purposes. Setting aside this much land for a future 30m wide road, would appear wasteful and inefficient when housing supply is so constrained.

In this instance, there are minimal constraints for roading purposes, including relatively few houses, and no real geographical/topography constraints. Waka Kotahi should be in a position to construct a road in their allocated 300m corridor, and if for any reason they require extra land, then they should purchase this at market rates, at the time.

#### Summary

As outlined previously, we are in support of the proposed Tara-Ika Growth Area and Plan Change 4, and request that the abovementioned changes are made.

Thank you for considering my submission.

Regards

Kevin Daly