
From: Mat Collins [REDACTED]
Sent: Tuesday, 13 February 2024 11:12 am
To: Suzanne Rushmere
Subject: RE: UHCC Deficiency Analysis Note
Attachments: Scenario Summary Sheet.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Hey Suze, we've put together a short summary of the scenarios we've modelled, to help inform the meeting with Guildford on Thursday. Before I send it out to Guildford, I wanted to check that you were ok with it being released.

Mat Collins BEng (Hons)
Associate Transportation Planner, Abley



From: Suzanne Rushmere <suzanne.rushmere@uhcc.govt.nz>
Sent: Wednesday, February 7, 2024 2:04 PM
To: Mat Collins [REDACTED]
Subject: RE: UHCC Deficiency Analysis Note

[EXTERNAL]

Sorry Mat

I am flat out today.

Yep this week is pretty full!

Suze

Suzanne Rushmere
Senior Planner (Policy) | Kaiwhakamahere Matua



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From: Mat Collins [REDACTED]
Sent: Wednesday, February 7, 2024 10:43 AM

To: Suzanne Rushmere <suzanne.rushmere@uhcc.govt.nz>
Subject: RE: UHCC Deficiency Analysis Note

Thanks Suze, just to confirm, that's your availability next week? Nothing free this week?

Mat Collins BEng (Hons)
Associate Transportation Planner, Abley



From: Suzanne Rushmere <suzanne.rushmere@uhcc.govt.nz>
Sent: Wednesday, February 7, 2024 8:43 AM
To: Mat Collins [REDACTED]
Subject: RE: UHCC Deficiency Analysis Note

[EXTERNAL]

Sounds good.

I am currently free on Tuesday between 11 and 1, Wednesday before 11 and Thursday between 11 and 1.

Suze

Suzanne Rushmere
Senior Planner (Policy) | Kaiwhakamahere Matua



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From: Mat Collins [REDACTED]
Sent: Wednesday, February 7, 2024 8:41 AM
To: Suzanne Rushmere <suzanne.rushmere@uhcc.govt.nz>; Patrick Hanaray <patrick.hanaray@uhcc.govt.nz>
Cc: Emily Thomson <Emily.Thomson@uhcc.govt.nz>; Dave Smith [REDACTED]
Subject: RE: UHCC Deficiency Analysis Note

Morena Suze, there's a bit of confusion going on regarding what is and isn't included in the TRACKS scenarios that we've already done, and what might need to be added to get the correct baseline for Guildford. Perhaps a meeting with you, Guildford, and us might help?

Cheers

Mat Collins BEng (Hons)
Associate Transportation Planner, Abley



From: Suzanne Rushmere <suzanne.rushmere@uhcc.govt.nz>
Sent: Tuesday, January 30, 2024 7:36 AM
To: Mat Collins [REDACTED]; Patrick Hanaray <patrick.hanaray@uhcc.govt.nz>
Cc: Emily Thomson <Emily.Thomson@uhcc.govt.nz>; Dave Smith [REDACTED]
Subject: RE: UHCC Deficiency Analysis Note

[EXTERNAL]

Hi

I believe that scenario 1 was already without Southern Growth Area so should this be your 'without development' baseline as a start point for whatever Gillespies ask you to test?

Regarding PC49 and PC50 baseline I will speak to some colleagues and get back to you as soon as I can.

Thanks Mat.

Suze

Suzanne Rushmere
Senior Planner (Policy) | Kaiwhakamahere Matua



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From: Mat Collins [REDACTED]
Sent: Monday, January 29, 2024 1:40 PM
To: Suzanne Rushmere <suzanne.rushmere@uhcc.govt.nz>; Patrick Hanaray <patrick.hanaray@uhcc.govt.nz>
Cc: Emily Thomson <Emily.Thomson@uhcc.govt.nz>; Dave Smith [REDACTED]
Subject: RE: UHCC Deficiency Analysis Note

Hi all,

We're looking to get our engagement set up with Gillford Timber. As part of this we'll need to understand what Council anticipates as the baseline landuse, so we can provide appropriate sensitivity tests for the relief they're seeking in their submission.

In the deficiency analysis work we've done to date we developed three scenarios. Can you please confirm which should be the baseline for future assessment work including the upcoming PC49/50 modelling? We note that where a development is included in an existing model scenario in part of whole we would look to remove it to create a 'without rezoning' baseline and then fully develop it to create a 'with rezoning' scenario.

Cheers

Mat Collins BEng (Hons)
Associate Transportation Planner, Abley

From: Mat Collins
Sent: Monday, January 29, 2024 8:17 AM
To: Suzanne Rushmere <suzanne.rushmere@uhcc.govt.nz>; Patrick Hanaray <patrick.hanaray@uhcc.govt.nz>
Cc: Emily Thomson <Emily.Thomson@uhcc.govt.nz>; Dave Smith [REDACTED]
Subject: RE: UHCC Deficiency Analysis Note

Morning Suze, they want us to run scenarios using development assumptions for Gillford that they provide to us. We'll add these into the model, run it, then give them the results without any commentary.

Mat Collins BEng (Hons)
Associate Transportation Planner, Abley

From: Suzanne Rushmere <suzanne.rushmere@uhcc.govt.nz>
Sent: Monday, January 29, 2024 8:14 AM
To: Mat Collins [REDACTED] Patrick Hanaray <patrick.hanaray@uhcc.govt.nz>
Cc: Emily Thomson <Emily.Thomson@uhcc.govt.nz>; Dave Smith [REDACTED]
Subject: RE: UHCC Deficiency Analysis Note

[EXTERNAL]

Sorry, just so I am clear – have they asked you to run scenarios yet or just provide data from what you have already run?

Suze

Suzanne Rushmere
Senior Planner (Policy) | Kaiwhakamahere Matua



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From: Mat Collins [REDACTED]
Sent: Monday, January 29, 2024 7:47 AM
To: Patrick Hanaray <patrick.hanaray@uhcc.govt.nz>; Suzanne Rushmere <suzanne.rushmere@uhcc.govt.nz>
Cc: Emily Thomson <Emily.Thomson@uhcc.govt.nz>; Dave Smith [REDACTED]
Subject: RE: UHCC Deficiency Analysis Note

Thanks Patrick and Emily, we're happy with that approach. We'll make it clear in our engagement with Gillford that we're just "turning the handle" for the model, and that it'll be up to their consultant to interpret the results. We've had this type of arrangement in other situations where we're also acting for Council, and we're confident it won't create a conflict of interest if you need our assistance in the future.

Cheers

Mat Collins BEng (Hons)
Associate Transportation Planner, Abley



From: Patrick Hanaray <patrick.hanaray@uhcc.govt.nz>
Sent: Friday, January 26, 2024 4:51 PM
To: Mat Collins [REDACTED]; Suzanne Rushmere <suzanne.rushmere@uhcc.govt.nz>
Cc: Emily Thomson <Emily.Thomson@uhcc.govt.nz>; Dave Smith [REDACTED]
Subject: RE: UHCC Deficiency Analysis Note

[EXTERNAL]

Hi Mat,

I had a discussion yesterday with Phil Peet about them using our Tracks model as a starting point.

They were initially looking to work with Stantec who had carried out the previous (2018) review. I suggested that as you had a more recent update of the model that could be used, either by Abley or by Stantec as the starting point and that they should talk to you.

Suze and Emily have both indicated they are interested in Abley providing support to UHCC for PC49/50. However, I cannot see that preventing you from carrying out the modelling work.

Patrick Hanaray
Roading Manager



Patrick Hanaray
Roading Manager



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From: Mat Collins [REDACTED]
Sent: Friday, January 26, 2024 9:15 AM
To: Suzanne Rushmere <suzanne.rushmere@uhcc.govt.nz>; Patrick Hanaray <patrick.hanaray@uhcc.govt.nz>
Cc: Emily Thomson <Emily.Thomson@uhcc.govt.nz>; Dave Smith [REDACTED]
Subject: RE: UHCC Deficiency Analysis Note

Morena Suze and Patrick, happy new year.

We've had a quick catch up with transport experts acting for Gillford Timber this morning, they're seeking data from the TRACKS model to assist their submission on PC49. You mentioned potentially engaging us to assist with PC49/50, so I thought I'd follow up on this.

Cheers

Mat Collins BEng (Hons)
Associate Transportation Planner, Abley



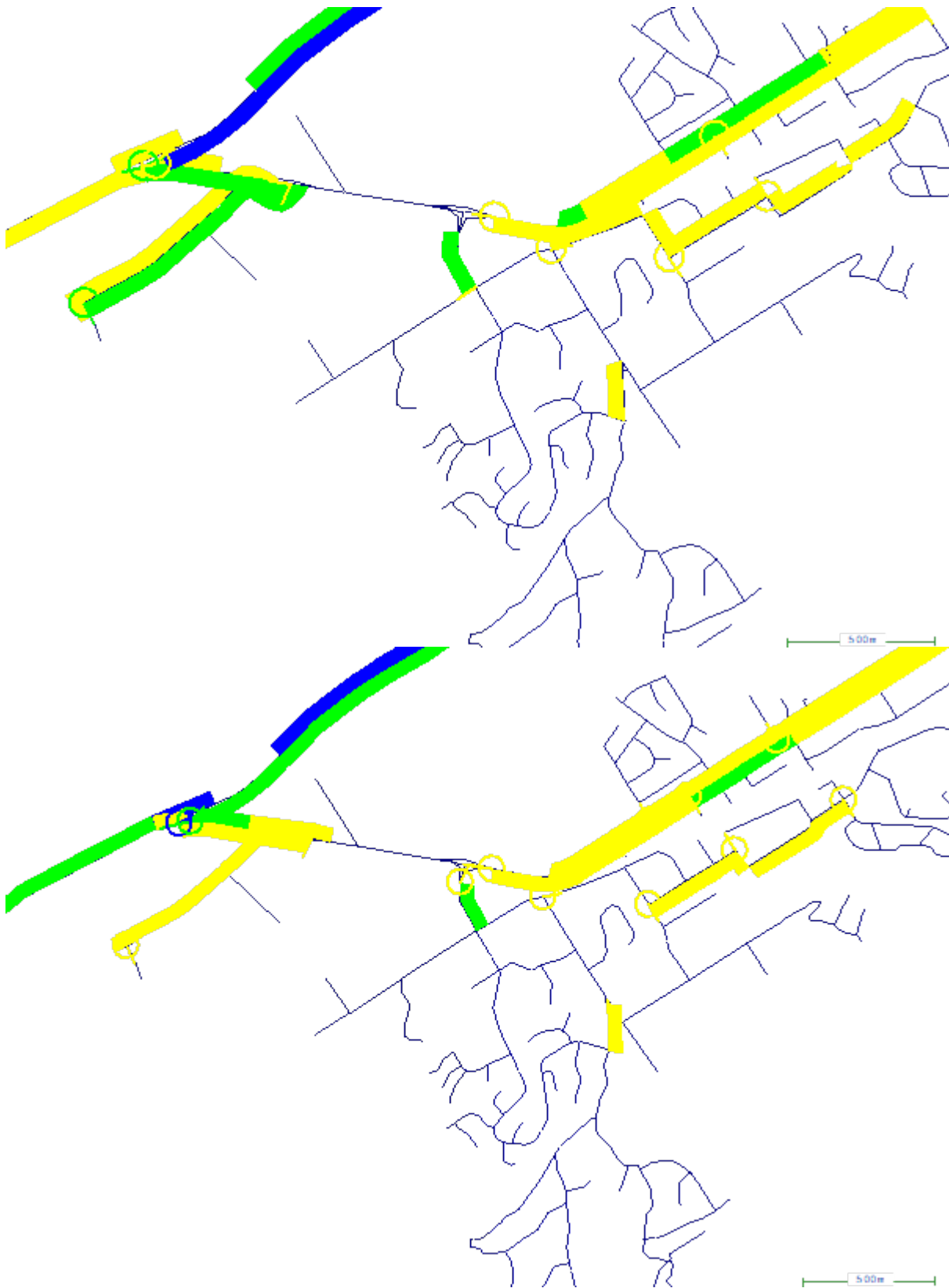
From: Dave Smith [REDACTED]
Sent: Monday, January 8, 2024 1:43 PM
To: Suzanne Rushmere <suzanne.rushmere@uhcc.govt.nz>; Mat Collins [REDACTED]
Cc: Emily Thomson <Emily.Thomson@uhcc.govt.nz>; Patrick Hanaray <patrick.hanaray@uhcc.govt.nz>
Subject: RE: UHCC Deficiency Analysis Note

Hi All

Happy New Year. We have re-run the 2053 conservative scenario with the full SGA loaded in the vicinity of Kiln Street. Looking back we had it split 50/50 between accessing Eastern Hutt Road directly and being loaded into Silverstream so the impact of the test is to move 375 lots only back into Silverstream.

The model is not picking up any additional Level of Service issues at the key roundabouts with delays changing by no more than a few seconds. However, we have observed the following changes:

- the right turn issue onto Eastern Hutt Road as a result of the direct access has disappeared.
- Field Street from Fergusson Drive to Kiln Street has deteriorated in both morning and evening peak from LoS C to LoS D as shown below (morning is on left and evening on right).



As before a more detailed model (such as a Sidra Intersection model) may highlight issues on roundabout intersection approaches.

Please advise if you require further action or reporting on this test.

Regards

Dave

Dave Smith MPhil BTech(Hons) CMILT MEngNZ
Technical Director, Transportation Planning, Abley

  
abley.com

From: Suzanne Rushmere <suzanne.rushmere@uhcc.govt.nz>
Sent: Wednesday, December 20, 2023 2:32 PM
To: Dave Smith ; Mat Collins 
Cc: Emily Thomson <Emily.Thomson@uhcc.govt.nz>; Patrick Hanaray <patrick.hanaray@uhcc.govt.nz>
Subject: RE: UHCC Deficiency Analysis Note

[EXTERNAL]

Hi All

Thanks for meeting with today.

The actions I had from today were:

- Trentham report:
 - Suze to send Mat comments on Trentham Report – done
 - Mat to update Trentham Report – early / mid Jan
- Main modelling report
 - Dave to change Silverstream to Heretaunga for St Pats (apologies for my error) – early / mid Jan
 - Abley to run scenario 2 loading the traffic for Southern Growth Area onto Kiln Street – early / Mid Jan.
 - Dave to confirm where St Pats is loading onto the network in the model.

Thanks everyone and wishing you all a safe and happy Christmas.

Suze

Suzanne Rushmere
Senior Planner (Policy) | Kaiwhakamahere Matua



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From: Dave Smith 
Sent: Friday, December 15, 2023 11:17 AM
To: Suzanne Rushmere <suzanne.rushmere@uhcc.govt.nz>
Cc: Patrick Hanaray <patrick.hanaray@uhcc.govt.nz>; Emily Thomson <Emily.Thomson@uhcc.govt.nz>
Subject: RE: UHCC Deficiency Analysis Note

Hi Suzanne

Thanks for your feedback.

Please see attached first draft with my responses to your questions and finalised report with changes as per your requests.

Regards

Dave

Dave Smith MPhil BTech(Hons) CMILT MEngNZ
Technical Director, Transportation Planning, Abley

  
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From: Suzanne Rushmere <suzanne.rushmere@uhcc.govt.nz>
Sent: Thursday, December 14, 2023 1:26 PM
To: Dave Smith 
Cc: Patrick Hanaray <patrick.hanaray@uhcc.govt.nz>; Emily Thomson <Emily.Thomson@uhcc.govt.nz>
Subject: UHCC Deficiency Analysis Note

[EXTERNAL]

Hi Dave

Apologies for the delay in replying, the last few weeks have been insane!

Please see attached some high level questions / comments from me.

Kind regards

Suze
Suzanne Rushmere
Senior Planner (Policy) | Kaiwhakamahere Matua



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Scenario 1; High Infill, Low Greenfields (Indicated preferred option):

- No Southern Growth Area
- No Gillespies.

Scenario 2; Low Infill, High Greenfields:

- Half (approximately) the infill rate of Scenario 1
- All greenfield developments included.

Scenario 3; Low Infill, High Greenfields:

- Identical to Scenario 2, but St Pats & Southern Growth Area start development 4 years earlier.

Table 1: Dwelling assumptions by key development area and Scenario

| Greenfield Projects: | Capacities: | Scenario 1 Start Year | Scenario 1 End Year | Scenario 2 Start Year | Scenario 2 End Year | Scenario 3 Start Year | Scenario 3 End Year |
|----------------------|-------------|-----------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|
| Trentham PDA | 860 | 2028 | 2032 | 2028 | 2032 | 2028 | 2032 |
| St Patricks | 600 | 2030 | 2037 | 2030 | 2037 | 2026 | 2033 |
| Kingsley Heights | 250 | 2032 | 2036 | 2032 | 2036 | 2032 | 2036 |
| Canon Point | 400 | 2029 | 2036 | 2029 | 2036 | 2029 | 2036 |
| Gabites | 220 | 2025 | 2034 | 2025 | 2034 | 2025 | 2034 |
| Southern Growth Area | 1500 | x | x | 2030 | 2053 | 2026 | 2049 |
| Gillespies | 1000 | x | x | 2034 | 2053 | 2034 | 2053 |

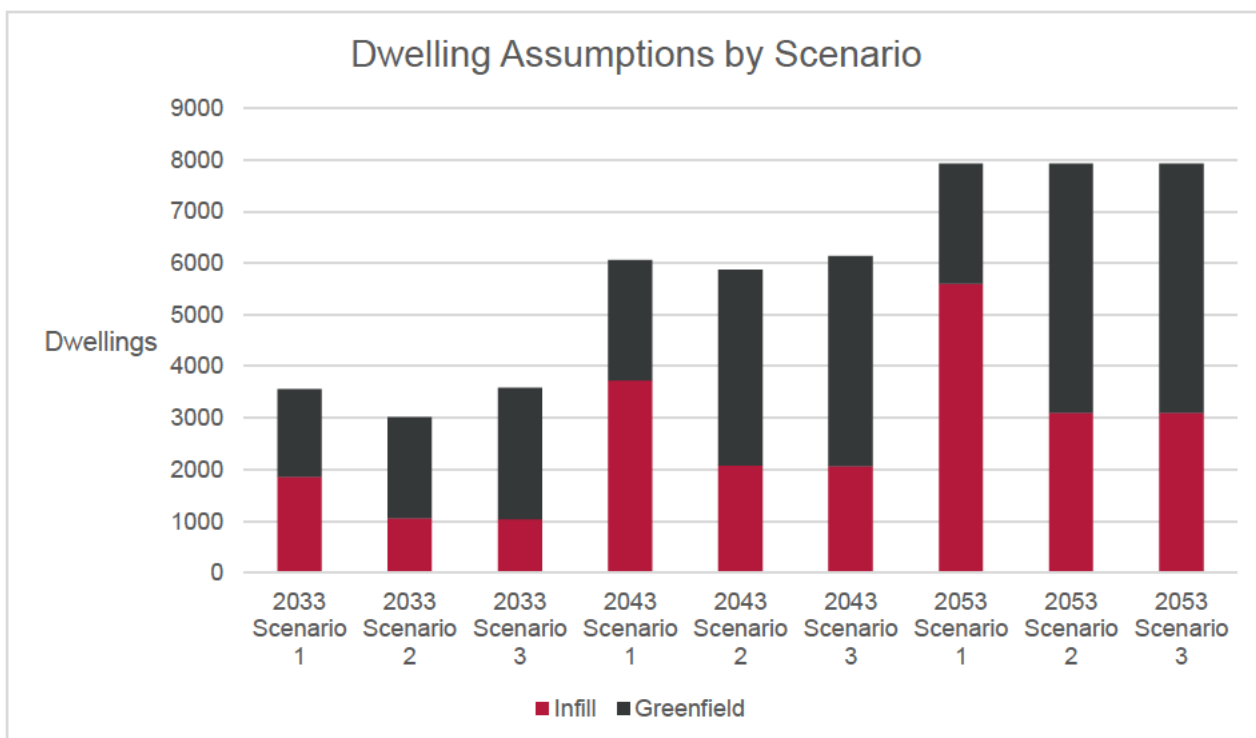


Figure 1: Dwelling assumptions over time, by Scenario

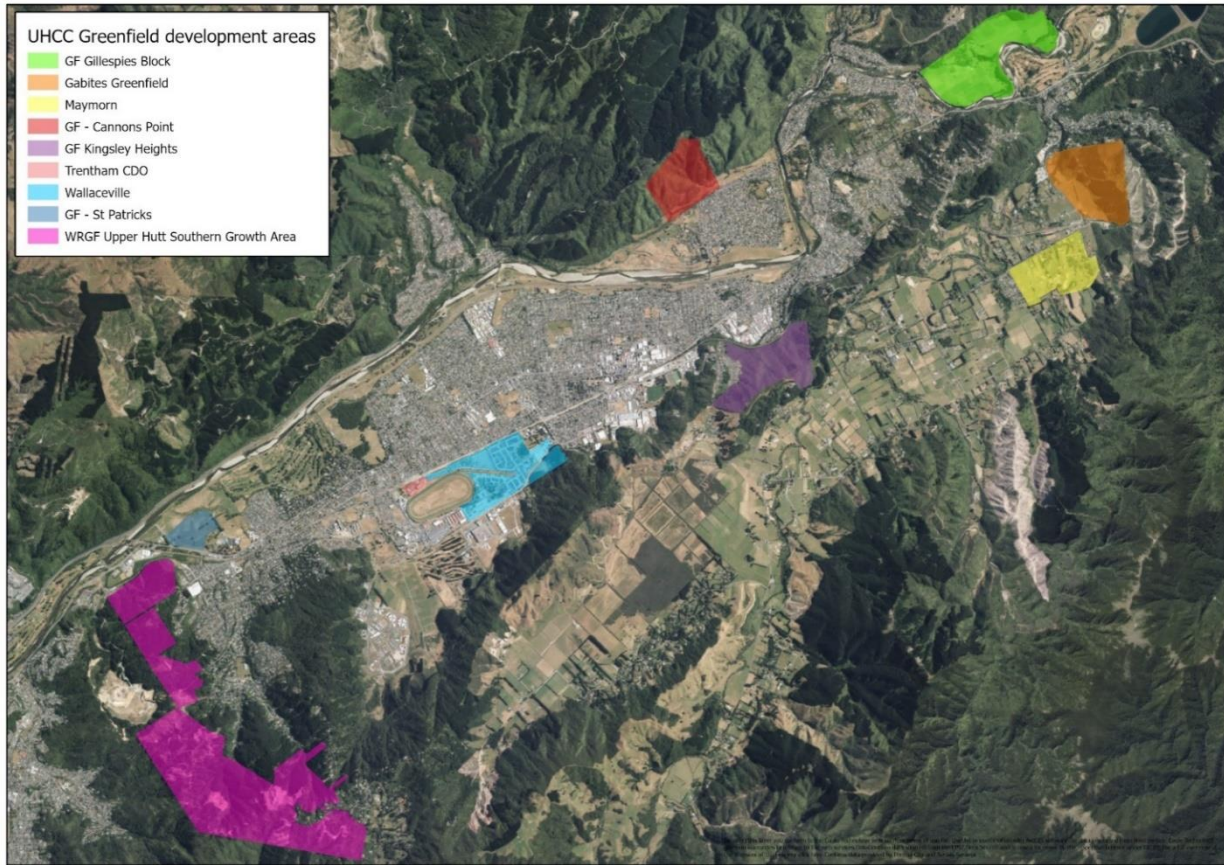


Figure 2: Growth locations

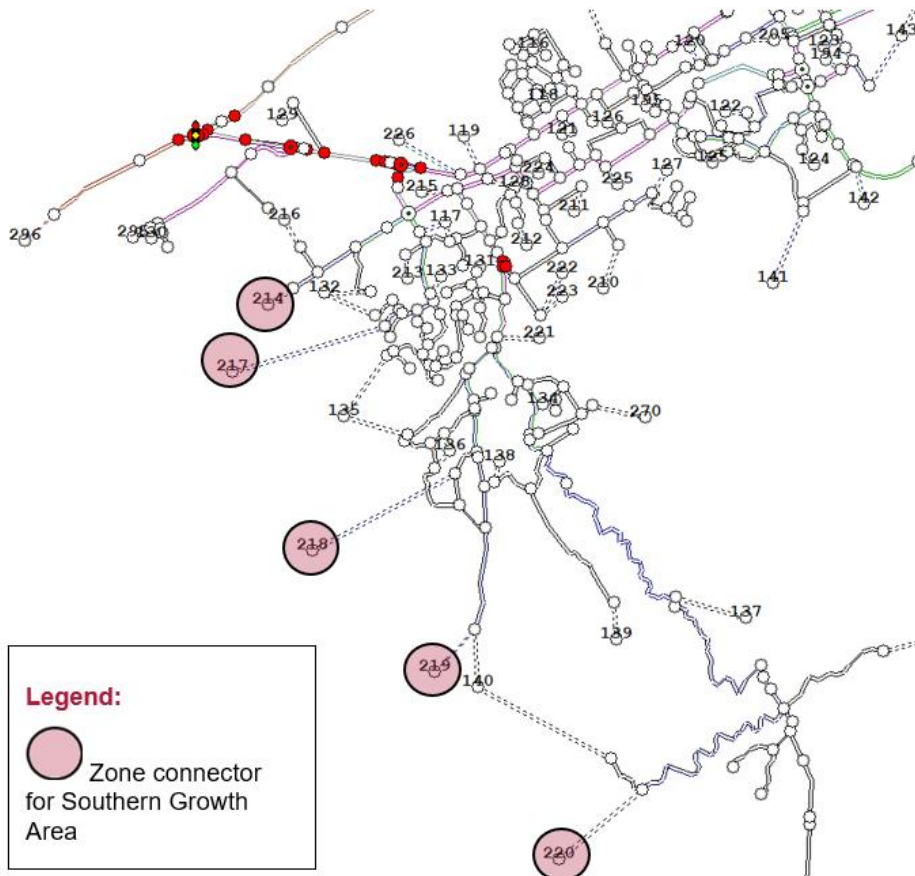


Figure 3: TRACKS model network, showing zone connectors for Southern Growth Area