# **PROPERTY CONOMICS**



WELLINGTON FEASIBLE CAPACITY ASSESSMENT MEMORANDUM

| Client:     | Wellington City Council |
|-------------|-------------------------|
| Project No: | 52144                   |
| Date:       | September 2023          |

8 September 2023



## MEMORANDUM

To: Joshua Patterson Principal Planner Wellington City Council

#### RE: WELLINGTON CITY FEASIBLE AND REALISABLE CAPACITY RESULTS SCENARIO 2

#### Hi Josh

Earlier this year, the Wellington Regional Leadership Committee (**WRLC**) engaged Property Economics to provide capacity modelling for five districts in the Wellington Region for the Housing and Business Capacity Assessment. Prior to this, Property Economics was engaged individually by Wellington City Council to undertake an assessment of the qualifying matter impacts in relation to their respective plan changes to implement the NPS-UD-directed intensification planning standards.

The WRLC is currently in the process of preparing the Housing and Business Capacity assessment for the Wellington Region and as part of this process, it was identified that there were a number of variations in the way Wellington City had been modelled. Consequently, Property Economics has been requested by Council to make adjustments to the assumptions in the Wellington capacity assessment to align the modelling with those undertaken elsewhere in the region. Specifically, this includes:

- changes to the commercial ratios
- dwelling sizes
- the treatment of Restricted Discretionary Activities in relation to the Coastal Hazard QFM in the City Centre.

This memorandum outlines the changes to the model and provides updated tables displaying the results of this modelling. For clarity the following tables and numbers are based on the market variables established as Scenario 2 in Property Economics original Qualifying Matter (**QFM**) report.

### COMMERCIAL LAND-ADJUSTED CAPACITY

Although the capacity results above reflect the district plan outcomes for residential capacity in the Commercial Zones (i.e., limiting apartments to only be located above the ground floor where retail frontages are required), further adjustments were made to account for other competing activities.

The proportions used for this Commercial and Residential Split were provided by the Council and were based on analysis undertaken in preparation for the 2019 HBA. The proportions used were as follows:

• Metropolitan Centre Zone: 80% Commercial and 20% Residential



- Mixed Urban Zone: 60% Commercial and 40% Residential
- Central City Zone (Wellington Central): 90% Commercial and 10% Residential
- Central City Zone (Te Aro): 70% Commercial and 30% Residential
- Local Centre Zone: 70% Commercial and 30% Residential
- Neighbourhood Centre Zone: 70% Commercial and 30% Residential.

Following the capacity assessment for Wellington City Council, Property Economics was also engaged to undertake capacity assessment for Let's Get Wellington Moving (**LGWM**). This was an assessment focused on capacity along the proposed Rapid Transport Corridor between Island Bay and the City Centre. The LGWM team asked Property Economics to use updated commercial ratios based on recent trends in commercial activity along their corridor. For the HBA capacity results, WCC has requested that we use these commercial proportions.

The Commercial and Residential Splits applied in the LGWM model were focused on a suburb level and are as follows:

- Thorndon between the motorway and the port: 50% residential, 45% commercial, 5% retail (ground floor)
- City Centre: 60% residential, 35% commercial/office, 5% retail
- Te Aro: 75% residential, 20% commercial/office, 10% retail
- Mt Victoria: 98% residential, 2% business/retail
- Mt Cook: 80% residential, 15% commercial/office, 5% retail

The ratios used in commercial zones elsewhere remain the same as the ratios in the previous model.

It is important to note that most realisable apartments are in the commercial zones, namely the City Centre Zone. Therefore, the total assessed capacity for apartments is highly sensitive to these commercial-to-residential ratios.

Realistically, the proportion of commercial development capacity utilised for residential purposes will be highly dependent on the relative supply and demand of commercial and residential activities. Essentially, if the demand for apartments outstrips the demand for commercial and retail, it is likely that the residential proportion of development in commercial zones will exceed the proportions identified above, resulting in more apartment capacity delivered. Conversely, the opposite would be true if the density enabled by the Proposed District Plan provides for an excess of higher-density dwellings in the residential zone such that demand for residential apartments in the City Centre is reduced.

# **DWELLING SIZES**

Table 1 following shows a comparison of the dwelling sizes used in the Wellington City modelling and those used in the other districts. This shows that the dwelling sizes used by the Regional Capacity Model for the Terraced and Apartments were smaller on average compared to those used in the Wellington Model.



In order to achieve a level of consistency between the districts for purposes of comparison, the dwelling sizes in Wellington City have been reduced to match those used in the Regional Capacity Model.

| TABLE 1: | DWELLINC | SIZE | СОМР | ARISON | (SOM)  |
|----------|----------|------|------|--------|--------|
|          | DWELLING |      | COMP |        | (5610) |

| Tupology          | Welli   | ington  | <b>Regional Capacity</b> |
|-------------------|---------|---------|--------------------------|
| rypology          | Minimum | Maximum | Model                    |
| Small Houses      | 84      | 105     | 100                      |
| Medium Houses     | 120     | 150     | 150                      |
| Large Houses      | 180     | 225     | 220                      |
| Small Terraced    | 84      | 105     | 75                       |
| Medium Terraced   | 120     | 150     | 100                      |
| Large Terraced    | 180     | 225     | 130                      |
| Small Apartments  | 84      | 105     | 50                       |
| Medium Apartments | 120     | 150     | 70                       |
| Large Apartments  | 180     | 200     | 90                       |

Source: Property Economics

# RESTRICTED DISCRETIONARY ACTIVITY – COASTAL HAZARDS IN THE CITY CENTRE ZONE

The original theoretical modelling parameters for assessing the capacity of Wellington City under the Qualifying Matters as designed by Urban Edge and Council was as a permitted or controlled baseline, removing any capacity that would be classified as Restricted Discretionary or above<sup>1</sup>. This included removing any capacity in the Flood or Coastal Hazard Zones except the Low Coastal Hazard which permitted up to three dwellings on a site.

However, Property Economics' draft report to WCC showed the capacity impacts of the Hazard QFM with all capacity removed in the Ponding Flood Hazard and a separate scenario with the Ponding capacity included, subject to additional mitigation costs and a reduced realisation rate to account for the additional risks associated with applying for a Restricted Discretionary Consent. This latter scenario is the approach the Council decided to adopt.

In the more recent assessment of the capacity for the other districts, Restricted Discretionary Activities have been included with mitigation costs and reduced realisation rates as the baseline. Consequently, for the purposes of the Housing and Business Capacity Assessment, it was decided to

<sup>&</sup>lt;sup>1</sup> With the exception of allowing for multi-unit apartment developments over three dwellings per site where they were anticipated. Specifically, under Rule HRZ-R14, six-storey apartments would be an RD activity however this activity is enabled and anticipated for the High-Density Residential Zone and therefore was included.



include the sites that lie within the Medium and High Coastal Hazards in the City Centre which are Restricted Discretionary Activities.

Figure 1 shows the extent of the Medium and High Coastal Hazards that affect the Wellington City Centre Zone.



#### FIGURE 1: COASTAL HAZARDS IN THE CITY CENTRE ZONE

Source: Property Economics, WCC

# FEASIBLE AND REALISABLE CAPACITY RESULTS

Table 2 shows the Feasible and Realisable Capacity results with the updated modelling assumptions as described above. This includes the changes to the commercial ratios, dwelling sizes and Coastal Hazard QFM and is based on the market Scenario 2 of reduced price point and higher construction costs. It should also be noted that in previous assessments the Commercial Adjustments were separated out in the tables. This is not the case in the following tables with these numbers reflecting the final numbers.

Table 2 shows that the Feasible Capacity is just over 95,000 with the Realisable Capacity totals 68,784. There is a significant decrease between the level of capacity that is feasible versus the realisable capacity, particularly in the City Centre. This is driven by both the lower realisation rate of apartments and the RD activity status within the coastal hazard area.



| Feasible (Max<br>Profit) | Theoretical | Apartment | Standalone | Terraced        | Total  | % of<br>Theoretical |
|--------------------------|-------------|-----------|------------|-----------------|--------|---------------------|
| Residential Zones        | 227,982     | 3,261     | 13,011     | 45,695          | 61,967 | 27%                 |
| Commercial Zones         | 66,941      | 33,034    | 0          | 0               | 33,034 | 49%                 |
| Total                    | 294,923     | 36,295    | 13,011     | 45 <i>,</i> 695 | 95,001 | 32%                 |
| Realisable               | Theoretical | Apartment | Standalone | Terraced        | Total  | % of                |
|                          |             |           |            |                 |        | Ineoretical         |
| Residential Zones        | 227,982     | 929       | 15,772     | 32,329          | 49,030 | 22%                 |
| Commercial Zones         | 66,941      | 20,385    | 0          | 0               | 20,385 | 30%                 |
| Total                    | 294,923     | 21,314    | 15,772     | 32,329          | 69,415 | 24%                 |

#### TABLE 2: FEASIBLE AND REALISABLE CAPACITY WITH UPDATED ASSUMPTIONS

Source: Property Economics, WCC

Table 3 shows that the Realisable Capacity is sufficient to meet the demand over the short, medium and long term. That is, the Realisable Capacity of 69,415 is more than double the expected demand of 30,407 dwellings.

| Residential development capacity sufficiency for Wellington City, 2021 - 2051 |           |           |           |        |  |  |
|---|-----------|-----------|-----------|--------|--|--|
|   | 2021-2024 | 2024-2031 | 2031-2051 | TOTAL  |  |  |
| Demand  | 3,523     | 7,814     | 19,070    | 30,407 |  |  |
| Realisable Capacity   | 69,415    |           |           |        |  |  |
| Remaining Capacity  | 65,892    | 58,078    | 39,008    | 39,008 |  |  |
| Sufficiency   | TRUE      | TRUE      | TRUE      | TRUE   |  |  |

#### TABLE 3: RESIDENTIAL DEVELOPMENT CAPACITY SUFFICIENCY FOR WELLINGTON CITY 2021-2051

Source: Property Economics, WCC

Table 4 and Table 5 outline the Residential Development Capacity by Suburb.



#### TABLE 4: FEASIBLE CAPACITY BY SUBURB

| Feasible Capacity  |                         |                        |                      |                          |                            |    |                   |
|--------------------|-------------------------|------------------------|----------------------|--------------------------|----------------------------|----|-------------------|
| Suburbs            | Theoretical<br>Capacity | Feasible<br>Standalone | Feasible<br>Terraced | Feasible<br>Apartment    | Total Feasible<br>Capacity | Fe | asibility<br>Rate |
| Aro Valley         | 2,114                   | 198                    | 127                  | 150                      | 475                        |    | 22%               |
| Berhampore         | 1,291                   | 9                      | 324                  | 195                      | 528                        |    | 41%               |
| Broadmeadows       | 2,406                   | 157                    | 8                    | -                        | 165                        |    | 7%                |
| Brooklyn           | 9,346                   | 981                    | 2,038                | 6                        | 3,025                      |    | 32%               |
| Churton Park       | 10,727                  | 395                    | 102                  | -                        | 497                        |    | 5%                |
| Crofton Downs      | 3,929                   | 217                    | 1,054                | -                        | 1,271                      |    | 32%               |
| Glenside           | 584                     | 131                    | -                    | -                        | 131                        |    | 22%               |
| Grenada North      | 429                     | 2                      | 16                   | -                        | 18                         |    | 4%                |
| Grenada Village    | 3,311                   | 337                    | 15                   | -                        | 352                        |    | 11%               |
| Hataitai           | 4,656                   | 4                      | 1,893                | -                        | 1,897                      |    | 41%               |
| Highbury           | 505                     | 12                     | 115                  | -                        | 127                        |    | 25%               |
| Houghton Bay       | 1,560                   | 237                    | 299                  | -                        | 536                        |    | 34%               |
| Island Bay         | 10,473                  | 811                    | 2,462                | 21                       | 3,294                      |    | 31%               |
| Johnsonville       | 17,907                  | 1,217                  | 1,403                | 162                      | 2,782                      |    | 16%               |
| Kaiwharawhara      | 1,214                   | 9                      | 371                  | 201                      | 581                        |    | 48%               |
| Karaka Bays        | 1,665                   | 166                    | 1,016                | -                        | 1,182                      |    | 71%               |
| Karori             | 22,833                  | 645                    | 9,761                | -                        | 10,406                     |    | 46%               |
| Kelburn            | 3,851                   | 14                     | 1,631                | -                        | 1,645                      |    | 43%               |
| Khandallah         | 16,393                  | 332                    | 7,092                | 336                      | 7,760                      |    | 47%               |
| Kilbirnie          | 1,798                   | 49                     | 318                  | 15                       | 382                        |    | 21%               |
| Kingston           | 2,212                   | 348                    | 94                   | -                        | 442                        |    | 20%               |
| Lyall Bay          | 1,235                   | 138                    | 214                  | -                        | 352                        |    | 28%               |
| Maupuia            | 794                     | -                      | 254                  | -                        | 254                        |    | 32%               |
| Melrose            | 1,881                   | 233                    | 412                  | -                        | 645                        |    | 34%               |
| Miramar            | 8,368                   | 375                    | 1,081                | 146                      | 1,602                      |    | 19%               |
| Moa Point          | 214                     | 54                     | 112                  | -                        | 166                        |    | 78%               |
| Mornington         | 1,685                   | 322                    | 31                   | -                        | 353                        |    | 21%               |
| Mount Cook         | 9,281                   | -                      | 238                  | 4,737                    | 4,975                      |    | 54%               |
| Mount Victoria     | 4,260                   | -                      | 419                  | 1,582                    | 2,001                      |    | 47%               |
| Newlands           | 12,191                  | 962                    | 102                  | 7                        | 1,071                      |    | 9%                |
| Newtown            | 4,241                   | 149                    | 722                  | 575                      | 1,446                      |    | 34%               |
| Ngaio              | 10,307                  | 456                    | 3,075                | -                        | 3,531                      |    | 34%               |
| Ngauranga          | 402                     | 44                     | 49                   | 30                       | 123                        |    | 31%               |
| Northland          | 3,809                   | 156                    | 1,012                | 6                        | 1,174                      |    | 31%               |
| Oriental Bay       | 299                     | -                      | 236                  | -                        | 236                        |    | /9%               |
| Owhiro Bay         | 1,536                   | 340                    | 40                   | -                        | 380                        |    | 25%               |
| Paparangi          | 4,443                   | 461                    | 30                   | 1/                       | 508                        |    | 11%               |
| Pipitea            | 3,824                   | -                      | -                    | 1,813                    | 1,813                      |    | 4/%               |
| Rongotai           | 506                     | 4                      | -                    | -                        | 4                          |    | 1%                |
| Roseneath          | 1,540                   | 9                      | 869                  | 8                        | 886                        |    | 58%               |
| Seatoun            | 2,938                   | 162                    | 1,879                | -                        | 2,041                      |    | 69%               |
| Southgate          | 1,743                   | 1/8                    | 325                  | -                        | 503                        |    | 29%               |
| Strathmore Park    | 4,415                   | 490                    | 080                  | 0                        | 1,088                      |    | 25%               |
| Такари valley      | 40<br>20 E10            | - 1 105                | -                    | -                        | -                          |    | 0%                |
| Te Aro             | 0,010<br>20,010         | 1,195                  | C0<br>E4             | -<br>10 000              | 12 276                     |    | 4%                |
| Thorndon           | 20,243                  | -<br>                  | 120                  | 13,322<br>2 <i>A</i> A 7 | 2 501                      |    | 47 %              |
| Vogeltown          | 1 205                   | 1/                     | 1/2                  |                          |                            |    |                   |
| Wadestown          | L,2UD                   | 100                    | 2 1/0                | -                        | 289                        |    | 560/-             |
| Wellington Central | 15 702                  | -                      | 12                   | -<br>۵ 51 <i>1</i>       |                            |    | 610/              |
| Wilton             | בדם כ<br>רדם כ          |                        | 5U3<br>77            | -                        | 5,527                      |    | 100%              |
| Woodridge          | 2,372                   | 2 <u>_</u>             | 1/                   |                          | <br>539<br>511             |    | 1,2 %             |
| Total              | 294,923                 | 13,011                 | 45,695               | 36,295                   | 95,001                     |    | <b>32%</b>        |



#### TABLE 5: REALISABLE CAPACITY BY SUBURB

| Realisable Capacity |                         |                          |                        |                         |                                 |   |                    |
|---------------------|-------------------------|--------------------------|------------------------|-------------------------|---------------------------------|---|--------------------|
| Suburbs             | Theoretical<br>Capacity | Realisable<br>Standalone | Realisable<br>Terraced | Realisable<br>Apartment | Total<br>Realisable<br>Capacity | F | easibility<br>Rate |
| Aro Vallev          | 2,114                   | 205                      | 75                     | 51                      | 331                             |   | 16%                |
| Berhampore          | 1,291                   | 28                       | 212                    | 161                     | 401                             |   | 31%                |
| Broadmeadows        | 2,406                   | 132                      | -                      | -                       | 132                             |   | 5%                 |
| Brooklyn            | 9,346                   | 1,113                    | 1,402                  | 6                       | 2,521                           |   | 27%                |
| Churton Park        | 10,727                  | 339                      | 7                      | -                       | 346                             |   | 3%                 |
| Crofton Downs       | 3,929                   | 338                      | 766                    | -                       | 1,104                           |   | 28%                |
| Glenside            | 584                     | 107                      | -                      | -                       | 107                             |   | 18%                |
| Grenada North       | 429                     | 14                       | -                      | -                       | 14                              |   | 3%                 |
| Grenada Village     | 3,311                   | 290                      | -                      | -                       | 290                             |   | 9%                 |
| Hataitai            | 4,656                   | 7                        | 1,606                  | -                       | 1,613                           |   | 35%                |
| Highbury            | 505                     | 20                       | 64                     | -                       | 84                              |   | 17%                |
| Houghton Bay        | 1,560                   | 295                      | 126                    | -                       | 421                             |   | 27%                |
| Island Bay          | 10,473                  | 1,230                    | 854                    | -                       | 2,084                           |   | 20%                |
| Johnsonville        | 17,907                  | 1,431                    | 339                    | 23                      | 1,793                           |   | 10%                |
| Kaiwharawhara       | 1,214                   | 90                       | 216                    | -                       | 306                             |   | 25%                |
| Karaka Bays         | 1,665                   | 271                      | 846                    | -                       | 1,117                           |   | 67%                |
| Karori              | 22,833                  | 1,125                    | 7,330                  | -                       | 8,455                           |   | 37%                |
| Kelburn             | 3,851                   | 23                       | 1,448                  | -                       | 1,471                           |   | 38%                |
| Khandallah          | 16,393                  | 1,031                    | 5,663                  | 83                      | 6,777                           |   | 41%                |
| Kilbirnie           | 1,798                   | 86                       | 196                    | -                       | 282                             |   | 16%                |
| Kingston            | 2,212                   | 356                      | -                      | -                       | 356                             |   | 16%                |
| Lyall Bay           | 1,235                   | 168                      | 115                    | -                       | 283                             |   | 23%                |
| Maupuia             | 794                     | -                        | 203                    | -                       | 203                             |   | 26%                |
| Melrose             | 1,881                   | 325                      | 174                    | -                       | 499                             |   | 27%                |
| Miramar             | 8,368                   | 449                      | 475                    | 4                       | 928                             |   | 11%                |
| Moa Point           | 214                     | 96                       | 38                     | -                       | 134                             |   | 63%                |
| Mornington          | 1,685                   | 316                      | 9                      | -                       | 325                             |   | 19%                |
| Mount Cook          | 9,281                   | 4                        | 192                    | 4,680                   | 4,876                           |   | 53%                |
| Mount Victoria      | 4,260                   | -                        | 402                    | 952                     | 1,354                           |   | 32%                |
| Newlands            | 12,191                  | 833                      | 2                      | -                       | 835                             |   | 7%                 |
| Newtown             | 4,241                   | 201                      | 605                    | 64                      | 870                             |   | 21%                |
| Ngaio               | 10,307                  | 712                      | 2,243                  | -                       | 2,955                           |   | 29%                |
| Ngauranga           | 402                     | 72                       | 11                     | -                       | 83                              |   | 21%                |
| Northland           | 3,809                   | 239                      | 660                    | 3                       | 902                             |   | 24%                |
| Oriental Bay        | 299                     | 4                        | 228                    | -                       | 232                             |   | <mark>7</mark> 8%  |
| Owhiro Bay          | 1,536                   | 329                      | 7                      | -                       | 336                             |   | 22%                |
| Paparangi           | 4,443                   | 458                      | -                      | -                       | 458                             |   | 10%                |
| Pipitea             | 3,824                   | -                        | -                      | 750                     | 750                             |   | 20%                |
| Rongotai            | 506                     | -                        | -                      | -                       | -                               |   | 0%                 |
| Roseneath           | 1,540                   | 71                       | 742                    | -                       | 813                             |   | 53%                |
| Seatoun             | 2,938                   | 185                      | 1,762                  | -                       | 1,947                           |   | 66%                |
| Southgate           | 1,743                   | 247                      | 144                    | -                       | 391                             |   | 22%                |
| Strathmore Park     | 4,415                   | 561                      | 197                    | -                       | 758                             |   |                    |
| lakapu Valley       | 40                      | -                        | -                      | -                       | -                               |   | 0%                 |
|                     | 30,510                  | /34                      | -                      | -                       | /34                             |   | 2%                 |
| le Aro              | 28,243                  | -                        | 39                     | 8,696                   | 8,735                           | _ | 31%                |
|                     | 8,430                   | 7                        | 120                    | 1,459                   | 1,586                           |   | 19%                |
| vogeitown           | 1,205                   | 100                      | 49                     | -                       | 215                             |   | 10%                |
| Wallington Control  | 5,790                   | 235                      | 2,694                  | - 4 202                 | 2,929                           |   | 51%                |
| weilington Central  | 15,/02                  | -                        | 13                     | 4,382                   | 4,395                           |   | 1.20%              |
| Woodridge           | 2,972                   | 320                      | 55                     | -                       | 3/5                             |   | 1.3%               |
| Total               | <b>294,923</b>          | <b>15,772</b>            | 32,329                 | 21,314                  | <b>69,415</b>                   |   | <b>24%</b>         |



# SUFFICIENCY BY LOCATION

The above capacity estimates show the potential dwelling yield based on the assumption of developers maximising their profits relative to the risk. However, it is important to also consider the level of demand for these dwellings from both a locational and typology perspective.

Figure 2 shows the residential catchment areas utilised in the Housing and Business Capacity Assessment for a finer-grain locational analysis.



#### FIGURE 2: MAP OF WELLINGTON CITY RESIDENTIAL CATCHMENTS

Source: Property Economics, LINZ

Based on these catchments, Property Economics then compared the modelled capacity to the demand as projected by Sense Partners. This is broken down into dwelling size, typology and location (catchment).

The model reconciles the realisable capacity against this demand by sorting each of the sites by profit and systematically allocating each of them to be "realised" as one of the nine typologies / sizes. The resulting capacity results are therefore a reflection of both the profitability of development and the market demand.



Table 6 shows the Demand Reconciled capacity by typology, showing that there is sufficient capacity to meet the projected demand for both Standalone and Attached. However, the capacity for Attached Dwellings is more than three times the demand while the Standalone Capacity only exceeds the demand by 28%.

| Sufficiency by typology             |        |        |        |      |  |  |
|-------------------------------------|--------|--------|--------|------|--|--|
| Demand Capacity Balance Sufficiency |        |        |        |      |  |  |
| Attached                            | 15,665 | 55,445 | 39,780 | TRUE |  |  |
| Standalone                          | 14,742 | 18,953 | 4,211  | TRUE |  |  |
| Total                               | 30,407 | 74,398 | 43,991 | TRUE |  |  |

#### TABLE 6: DEMAND RECONCILIATION UNDER THE SENSE PARTNERS MEDIUM PROJECTION BY TYPOLOGY

Source: Property Economic, WCC

The total capacity of the Demand Reconciliation Capacity is slightly higher than the Realisable Capacity at 74,398 compared to 69,415. This reflects a change in the distribution of typology and size. In particular, there is a large shift in the Central Quadrant from large apartments as being the most profitable to a mix of sizes that favoured small-medium apartments, thereby resulting in a significant increase in capacity.

In a more affordable market, households may have been able to afford these larger homes. However, the reality is that many homeowners are having to choose smaller dwellings than their predecessors due to the rising cost of housing relative to income making them unaffordable.

Table 7 shows the capacity by residential quadrant. Note that the Makara – Ohariu catchment has no urban capacity in this assessment, and it does not include greenfield capacity. has not been included as it has no urban capacity.

| Sufficency by location              |        |        |        |       |  |  |
|-------------------------------------|--------|--------|--------|-------|--|--|
| Demand Capacity Balance Sufficiency |        |        |        |       |  |  |
| North                               | 9,582  | 5,308  | -4,274 | FALSE |  |  |
| Central                             | 6,370  | 25,740 | 19,370 | TRUE  |  |  |
| Inner                               | 2,960  | 8,407  | 5,447  | TRUE  |  |  |
| Southern                            | 2,664  | 6,756  | 4,092  | TRUE  |  |  |
| Western                             | 5,028  | 21,853 | 16,825 | TRUE  |  |  |
| Eastern                             | 3,672  | 6,334  | 2,662  | TRUE  |  |  |
| Makara-Ohariu                       | 131    |        | -131   | FALSE |  |  |
| Total                               | 30,407 | 74,398 | 43,991 | TRUE  |  |  |

#### TABLE 7: DEMAND RECONCILIATION UNDER THE SENSE PARTNERS MEDIUM PROJECTION BY RESIDENTIAL CATCHMENTS

Source: Property Economics, WCC

Table 7 highlights that all catchments except for the Northern Catchment have sufficient capacity. The underlying reason for undersupply in the northern capacity compared to demand is not



necessarily representative of an undersupply of enabled capacity, but a result of the lower feasibility rate of intensification. This is driven by the difference in land values, with properties closer to the City Centre typically being more valuable and therefore feasible to subdivide.

Additionally, the demand attributed to these Northern Suburbs is significantly higher than in the other areas. With the level of intensification that is enabled across the city by the PDP, it is not unrealistic to expect that a redistribution of this growth is possible with the Western Suburbs having more than sufficient capacity to support this potential undersupply.

Table 8 shows the Realisable Capacity by Residential Catchment and the percentage of the total Theoretical Capacity that is realisable.

|                        | Realisable capacity |                                 |  |  |
|------------------------|---------------------|---------------------------------|--|--|
| Housing area           | Total               | % of<br>theoretical<br>capacity |  |  |
| North Wellington       | 5,169               | 6%                              |  |  |
| West Wellington        | 25,406              | 35%                             |  |  |
| Wellington Central/CBD | 15,466              | 28%                             |  |  |
| Inner Wellington       | 8,961               | 38%                             |  |  |
| South Wellington       | 7,148               | 23%                             |  |  |
| East Wellington        | 7,265               | 27%                             |  |  |
| Makara-Ohariu          |                     |                                 |  |  |

#### TABLE 8: REALISABLE CAPACITY BY CATCHMENT

Source: Property Economics, WCC

If you have any queries, please give me a call.

Kind Regards

Tim Heath / Phil Osborne