

# Parklands Community Neighbourhood Assets Project 2013

This report is based on data collected in April as part of the University of Canterbury's *GEOG110 Dynamic Places: Exploring Human Environments* course; and additional data collected in September 2013. It was collected and analysed for the Parklands Network.

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# 1 Background

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In recent years the Department of Geography at the University of Canterbury has utilised service learning, a form of learning which combines formal instruction with service in the community, in its curriculum. Service learning involves students working with community groups to help research issues of local concern. This approach has been used most overtly in two upper level courses: *GEOG309 Research Methods in Geography* and *GEOG402 Sustainable Urban Development*.

Since the 2010/11 earthquakes, the University has moved towards increased community engagement in its courses, most notably through *CHCH101 Rebuilding Christchurch - An Introduction to Community Engagement in Tertiary Studies*, which has built on the work of the Student Volunteer Army.

In 2013 a new first year Geography course, *GEOG110 Dynamic Places: Exploring Human Environments*, was created with a focus on understanding how places change and the impacts on the human communities within them. For practical component of the course, we collaborated with the Parklands community, specifically The Parklands Network,<sup>1</sup> to understand more about life in Parklands at present. The Network was interested to identify the 'assets' within the neighbourhood, including the skills, knowledge and resources of local people and groups. To help gather this knowledge, one hundred GEOG110 students administered a survey of residents in the Parklands area.

The survey consisted of:

- A two page information and consent form (Appendix A). This included information about the survey, and how to consent to be involved in it. On the front was a box which the students had to complete indicating when the survey would be collected.
- A six page questionnaire (part of Appendix B). This was divided into five main sections:
  1. Preliminary information (gathering basic data about respondents and their households).
  2. Well-being and local connections (focusing on respondents' experiences of living in Parklands).
  3. Regular activities (gathering information on respondents' regular activities and where they occur).
  4. What might be added to Parklands? This section asked respondents about assets and facilities that might be added to Parklands, as well as those which could be improved, extended or upgraded.
  5. Local assets. Respondents were asked to identify and locate on a map the 'best things' in Parklands.
- A supplementary page was included to collect information for the Parklands Network (part of Appendix B). This information was separate from the main survey and could not be viewed or used by the University of Canterbury (a condition of the Ethics permission granted to carry out the survey).

The students delivered and collected questionnaires from selected households in the Parklands area. Delivery and collection were intended to be on the same day or a few days apart. When they delivered the survey, the students indicated when they would return to collect it. The students distributed the survey in groups of 3-4, with approximately 90 households allocated to each group.

The surveys were delivered between the 5<sup>th</sup> and 21<sup>st</sup> April 2013. Students were encouraged to deliver and collect between 5.30 and 7.30pm, ideally on a Sunday afternoon. If there was no-one at home, the students were instructed to leave the survey in the mail box, remembering to indicate on the information sheet indicating when they would collect the survey (however in some cases this did not occur). At the time of collection, if there was no-one at home, students were instructed to check the mail box. If they could not collect/find the survey, they were instructed to leave a sheet asking residents to drop their completed surveys into the Parklands Baptist Church (which were then forwarded to the University).

A total of 465 surveys were collected. The information within them was collated into a database and analysed in R (an open source statistical analysis package).

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<sup>1</sup> The Parklands Network is a group of local organisations that includes Parklands Residents Association, Parklands Neighbourhood Support, North East Secondary Education, Parklands Baptist Community Church, St. Andrews Anglican Church, Waimairi Golf Club, Queenspark School and Parkview School.

## 2 Results

### 2.1 Demographic data

Table 1 summarises the characteristics of the 465 survey respondents, with comparisons to the 2006 census information (the 2013 census results for local areas were not available at the time of writing). It should be noted that the 2006 census data reflect the situation seven years prior to the survey, and so even without an earthquake we would expect some changes in demographic make-up of the population. That said, the 2006 census data still provides a useful benchmark for comparison.

Compared to the 2006 census data, the Parklands survey sample had a greater proportion of females, older people and people not in the labour force (the latter will likely include a number of retired people as nearly a third of respondents were aged over 60). The survey was predominantly completed by people of European descent, which reflects the dominant ethnicity of Parklands residents.

**Table 1: Survey population against Parklands and Canterbury census population (\* indicates a significant difference from census distribution at the 0.05 significance level).**

|                            |                                    | SURVEY  |           | CENSUS (2006) |  |
|----------------------------|------------------------------------|---------|-----------|---------------|--|
|                            |                                    | (n=465) | Parklands | Canterbury    |  |
| <b>Gender</b> (n=463)*     | % Male                             | 36.72   | 48.50     | 48.69         |  |
|                            | % Female                           | 63.28   | 51.50     | 51.31         |  |
| <b>Age</b> (n=461)*        | % 16-19 <sup>2</sup>               | 1.30    | 8.5       | 8.85          |  |
|                            | % 20-29                            | 4.12    | 13.18     | 15.82         |  |
|                            | % 30-39                            | 16.27   | 23.39     | 17.63         |  |
|                            | % 40-49                            | 23.21   | 21.83     | 18.53         |  |
|                            | % 50-59                            | 23.43   | 16.15     | 15.85         |  |
|                            | % 60+                              | 31.67   | 16.95     | 22.32         |  |
| <b>Employment</b> (n=463)* | % Full time                        | 41.04   | 53.54     | 48.54         |  |
|                            | % Part time                        | 18.36   | 16.68     | 15.77         |  |
|                            | % Unemployed <sup>3</sup>          | 3.67    | 2.11      | 2.65          |  |
|                            | % Not in labour force <sup>4</sup> | 31.32   | 26.52     | 31.02         |  |
|                            | % Other                            | 5.62    | 1.16      | 2.02          |  |
| <b>Ethnicity</b> (n=465)   | European *                         | 93.33   | 79.16     | 75.35         |  |
|                            | Maori                              | 6.67    | 8.42      | 7.03          |  |
|                            | Pacific Islander *                 | 0.43    | 2.12      | 2.09          |  |
|                            | Asian                              | 3.44    | 4.46      | 5.59          |  |
|                            | MELAA <sup>5</sup>                 | 0.00    | 0.35      | 0.64          |  |
|                            | Other <sup>6</sup> *               | 1.51    | 13.73     | 13.46         |  |

Additional descriptive data for length of residence in Parklands, household status and membership of the Parklands Residents Association and Neighbourhood Support Group is presented in table 2. Around half of all respondents (46%) had lived in the Parklands area less than 10 years, nearly three-quarters with a spouse/partner and half with children. Less than 5% lived/shared a home with non-family.

<sup>2</sup> Age bracket includes 15 year olds in census

<sup>3</sup> *Unemployed*: refers to persons who replied *not in paid employment* in our survey

<sup>4</sup> *Not in labour force*: refers to persons who are neither employed nor unemployed, such as retired persons, household workers, students, disabled people

<sup>5</sup> MELAA: Middle Eastern / Latin American / African

<sup>6</sup> *Others*: Central American Indian, Inuit, North American Indian, South American Indian, Mauritian, Seychellois, South African Coloured, New Zealander, Other Ethnicity

**Table 2: Length of residence in Parklands, household status and membership of the local associations (% of respondents).**  
**Note: there is no comparable census data for these questions.**

|   | <b>SURVEY (n=465)<br/>percentages</b> |       |
|---|---------------------------------------|-------|
| <b>Length of residence in Parklands</b> (n=454) | 0-4 years                             | 22.03 |
|   | 5-9 years                             | 24.45 |
|   | 10-14 years                           | 18.72 |
|   | 15-19 years                           | 10.13 |
|   | 20-24 years                           | 8.59  |
|   | 25-29 years                           | 6.61  |
|   | 30-34 years                           | 3.08  |
|   | 34+ years                             | 6.39  |
| <b>Household status</b> (n=465)                 | By yourself                           | 13.12 |
|   | With spouse/partner                   | 73.33 |
|   | With children < 18                    | 35.70 |
|   | With children > 18                    | 15.05 |
|   | With other family                     | 9.89  |
|   | With flatmates                        | 1.51  |
|   | With friends                          | 1.29  |
|   | With others                           | 1.51  |
| <b>Parklands residents association</b> (n=464)  | Member                                | 2.80  |
|   | Non-member                            | 97.20 |
| <b>Neighbourhood support group</b> (n=464)      | Member                                | 9.48  |
|   | Non-member                            | 90.52 |

Some statistical associations were observed between the demographic data presented in tables 1 and 2 (table 3). A p-value less than 0.05 shows there is a 95% chance that there is a significant relationship between the variables; and is referred to as statistically significant. It does not tell us the nature of the relationship or between which categories of the variables. Table 3 shows a number of statistically significant relationships including: Female respondents, as well as being greater in number, were younger than male respondents (also visually presented in Figure 1); older respondents had lived in Parklands longer; longer term respondents were more likely to be members of Neighbourhood Support; female respondents were more likely to be in part time employment and males respondents in full time employment; and older people less likely to be employed.

**Table3: Relationships between demographic variables. (\*) indicates statistically significant difference at the 0.05 significance level. (^) indicates Fisher's exact test instead of chi-squared test.**

|  | <b>p-value</b> |
|--|----------------|
| <b>Gender vs Age*</b>  | <0.05          |
| <b>Length of Residence vs Gender</b>                             | 0.148          |
| <b>Length of Residence vs Age*^</b>                              | <0.05          |
| <b>Length of Residence vs PRA Membership^</b>                    | 0.472          |
| <b>Length of Residence vs Neighbourhood support membership*^</b> | <0.05          |
| <b>Gender vs Employment*</b>                                     | <0.05          |
| <b>Age vs Employment*</b>  | <0.05          |
| <b>Length of Residence vs Employment</b>                         | 0.112          |
| <b>Neighbourhood support vs Employment</b>                       | 0.521          |
| <b>PRA vs Employment</b>   | 0.058          |

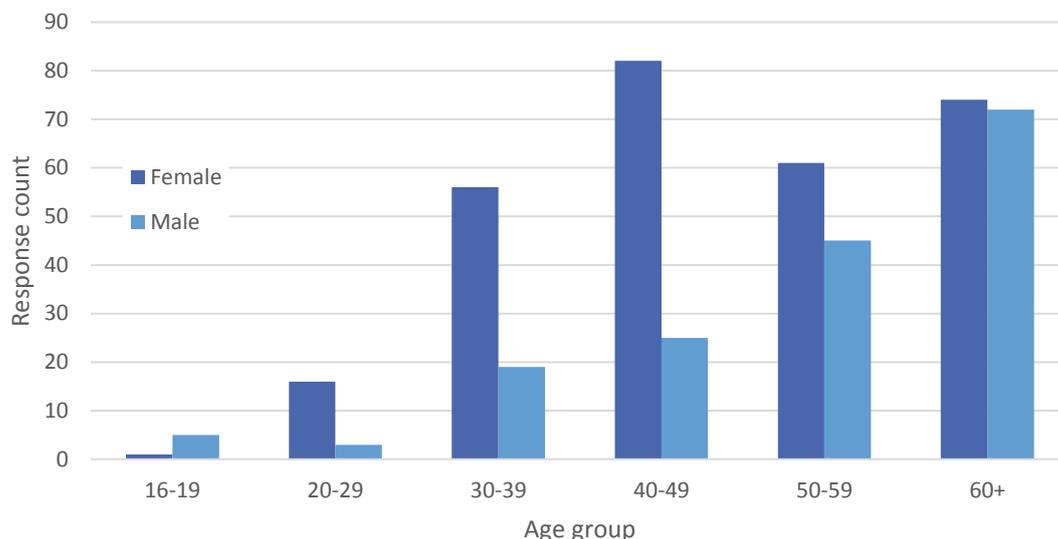


Figure 1: Age and gender of respondents.

## 2.2 Well-being

In regard to wellbeing, the survey asked respondents “For each statement below, please tick the option that best describes how you have felt over the last two weeks”. The summary of responses to these statements is presented in table 3.

Table 3: Summary of responses to questions on personal wellbeing in previous two weeks (% of respondents).

| Well-being indicator                                       | All of the time (%) | Most of the time (%) | More than half (%) | Less than half (%) | Some of the time (%) | At no time (%) | N/A (%) |
|--|---------------------|----------------------|--------------------|--------------------|----------------------|----------------|---------|
| I have felt cheerful and in good spirits                   | 10.54               | 48.82                | 18.49              | 8.82               | 8.39                 | 1.08           | 3.87    |
| I have felt calm and relaxed                               | 10.54               | 41.94                | 19.14              | 11.18              | 11.61                | 0.65           | 4.95    |
| I have felt active and vigorous                            | 7.10                | 23.87                | 28.17              | 18.49              | 13.55                | 2.80           | 6.02    |
| I woke up feeling fresh and rested                         | 6.67                | 20.22                | 24.52              | 20.43              | 21.08                | 1.72           | 5.38    |
| My daily life has been filled with things that interest me | 11.18               | 35.70                | 25.38              | 11.18              | 12.04                | 0.65           | 3.87    |

The well-being indicator has a good internal consistency (Cronbach’s alpha = 0.786), which means that people answered the five statements that comprise it in a relatively consistent manner. The median overall well-being score was 64/100. The 1<sup>st</sup> and 3<sup>rd</sup> quartiles – an indicator of where the middle 50%, excluding the top and bottom quarters, of people lies -- were 52 and 67 respectively. A median participant would have answered each of the five statements as follows:

- I have felt cheerful and in good spirits: **Most of the time**
- I have felt calm and relaxed: **Most of the time**
- I have felt active and vigorous: **More than half of the time**
- I woke up feeling fresh and rested: **More than half of the time**
- My daily life has been filled with things that interest me: **More than half of the time**

Some statistical associations were observed between the responses about wellbeing (table 3) and the demographic data (tables 1 and 2) and are presented in table 4 and figures 2-4 below.

Table 4: Relationships between wellbeing and demographic variables (\* indicates statistically significant difference at the 0.05 level).

|  | p-value |
|--|---------|
| Well-being vs. Gender                          | 0.12    |
| Well-being vs. Age*                            | <0.05   |
| Well-being vs. Length of Residence             | 0.41    |
| Well-being vs. PRA Membership*                 | <0.05   |
| Well-being vs Neighbourhood support membership | 0.19    |
| Well-being vs Employment*                      | <0.05   |
| Well-being vs NZ European                      | 0.71    |
| Well-being vs Maori                            | 0.55    |
| Well-being vs Pacific Islander*                | <0.05   |
| Well-being vs Asian                            | 0.32    |
| Well-being vs Other Ethnicity                  | 0.93    |

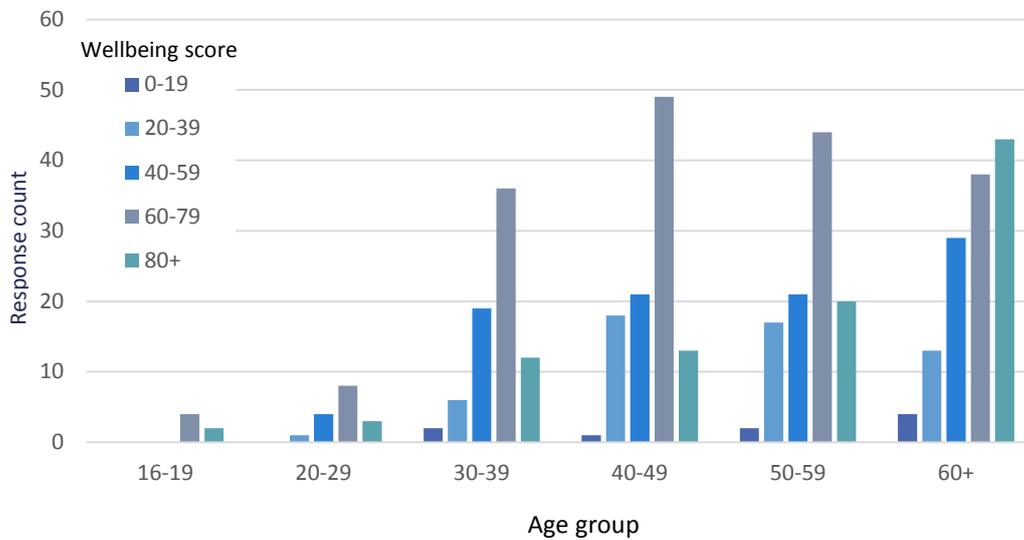


Figure 2: Wellbeing and age

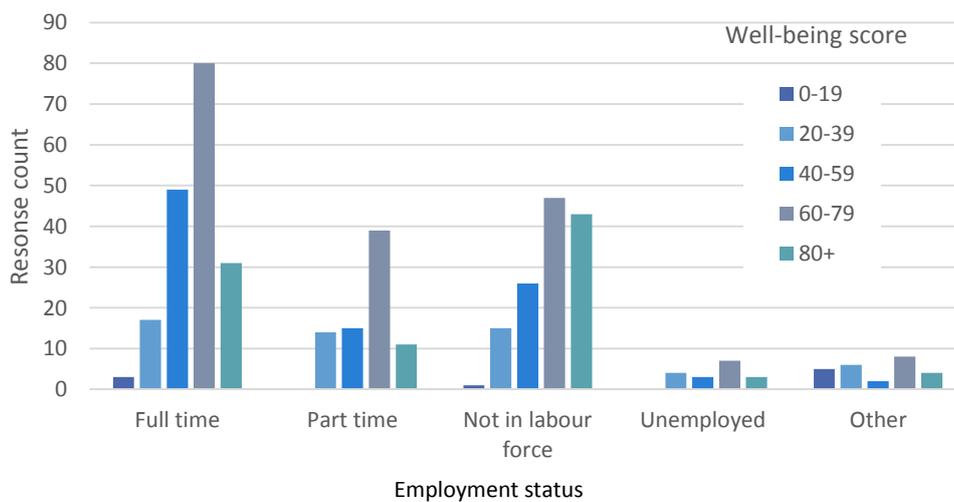


Figure 3: Wellbeing and employment

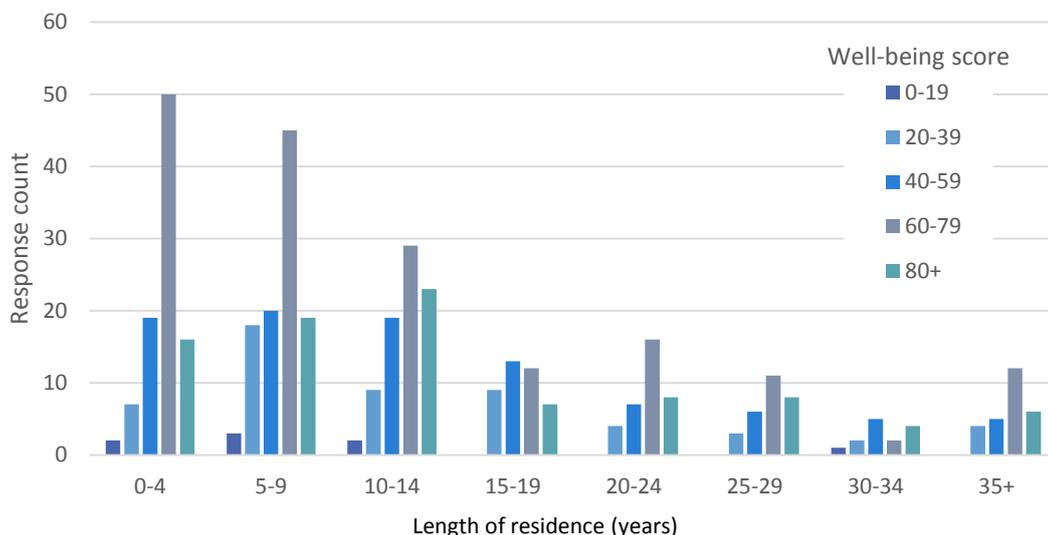


Figure 4: Wellbeing and length of residence

## 2.3 Belonging

To explore the issue of belonging, respondents were asked “For each statement below, please tick the option that best describes your view.” The summaries of responses to the individual statements are presented in table 5.

Table 5: Summaries of responses relating to questions on Belonging (% of respondents).

| Belonging indicator   | Strongly agree (%) | Agree (%) | Neither agree nor disagree (%) | Disagree (%) | Strongly disagree (%) | Don't know (%) | N/A (%) |
|---|--------------------|-----------|--------------------------------|--------------|-----------------------|----------------|---------|
| I plan to remain a resident of this neighbourhood for a number of years | 26.45              | 35.70     | 9.68                           | 8.17         | 4.95                  | 12.04          | 3.01    |
| I regularly stop and talk with people in my neighbourhood               | 17.20              | 46.88     | 18.71                          | 10.32        | 3.23                  | 1.51           | 2.15    |
| I feel like I belong to this neighbourhood                              | 20.86              | 47.10     | 19.14                          | 5.81         | 2.80                  | 2.37           | 1.94    |
| I know the names of a lot of people in my neighbourhood                 | 17.20              | 36.56     | 16.34                          | 19.35        | 5.38                  | 2.80           | 2.37    |
| I am very attached to the local environment and landscape               | 23.66              | 41.08     | 17.63                          | 8.82         | 3.87                  | 1.94           | 3.01    |

The indicator has a good internal consistency (Cronbach’s alpha = 0.63) which tells us that there is reasonable consistency in how respondents answered each statement. The median overall belonging score was 75/100, with the 1<sup>st</sup> and 3<sup>rd</sup> quartiles at 60 and 80 respectively. A median participant would have answered the individual statements as follows:

- I plan to remain a resident of this neighbourhood for a number of years: **Agree**
- I regularly stop and talk with people in my neighbourhood: **Agree**
- I feel like I belong to this neighbourhood: **Agree**
- I know the names of a lot of people in my neighbourhood: **Agree**
- I am very attached to the local environment and landscape: **Agree**

Some statistical associations were observed between the responses about wellbeing (table 4) and the demographic data (tables 1 and 2) and these are presented in table 6 and figure 5. It is not surprising to find that self-reported belonging was higher amongst respondents who had lived for a longer time in the area.

Table 6: Relationships between Belonging and demographic variables. (\*) indicates statistically significant difference at the 0.05 significance level.

|  | p-value |
|--|---------|
| Belonging vs. Gender                           | 0.50    |
| Belonging vs. Age                              | 0.08    |
| Belonging vs. Length of Residence*             | <0.05   |
| Belonging vs. PRA Membership                   | 0.42    |
| Belonging vs Neighbourhood support membership* | <0.05   |
| Belonging vs Employment                        | 0.06    |

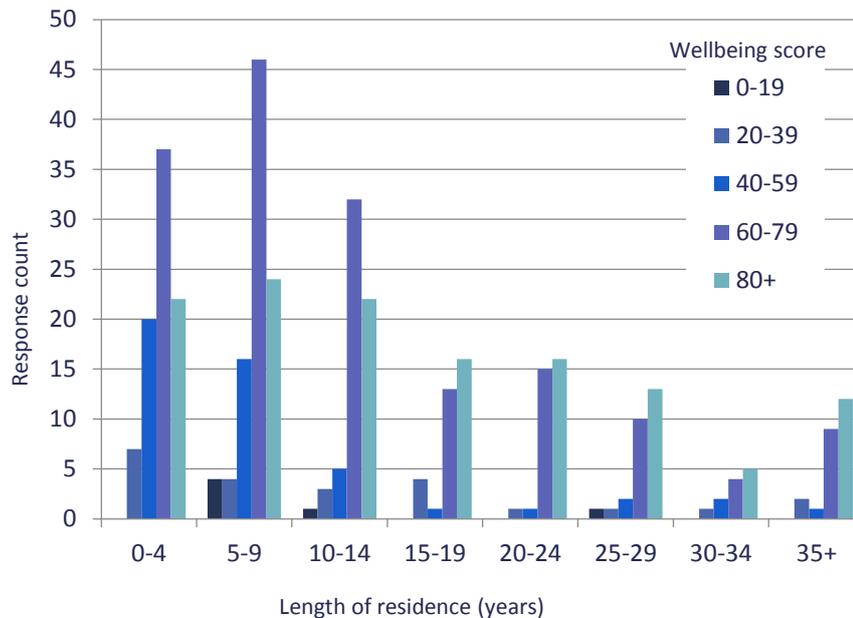


Figure 5: Belonging and length of residence

## 2.4 Environment

A question about environment asked respondents “For each statement below, please tick the option that best describes your view.” The summaries of responses to the individual questions are presented in table 7.

Table 7: Summaries of responses relating to questions on Environment (% of respondents).

| Environment indicator  | Strongly agree (%) | Agree (%) | Neither agree nor disagree (%) | Disagree (%) | Strongly disagree (%) | Don't know (%) | N/A (%) |
|--|--------------------|-----------|--------------------------------|--------------|-----------------------|----------------|---------|
| Parklands is a safe neighbourhood to live in                                     | 16.99              | 55.48     | 15.48                          | 7.31         | 1.94                  | 1.29           | 1.51    |
| The buildings in the neighbourhood are well maintained                           | 10.75              | 50.97     | 20.22                          | 12.47        | 1.72                  | 1.51           | 2.37    |
| The neighbourhood is kept clean  | 10.97              | 54.84     | 18.92                          | 10.32        | 1.94                  | 0.65           | 2.37    |
| There are enough parks in the neighbourhood                                      | 8.82               | 48.60     | 18.49                          | 15.91        | 4.30                  | 0.86           | 3.01    |
| There are public places in the neighbourhood where local people can get together | 14.41              | 57.85     | 14.19                          | 6.88         | 2.37                  | 1.72           | 2.58    |

The indicator has a relatively low internal consistency score (Cronbach’s alpha = 0.59). It is thus somewhat problematic to calculate an overall environment score, and the results should accordingly be treated with caution. The median score for

the environment indicator was 70/100, with 1<sup>st</sup> and 3<sup>rd</sup> quartiles at 60 and 75 respectively. A median participant would have answered each individual statement as follows:

- Parklands is a safe neighbourhood to live in: **Agree**
- Parklands is save a safe neighbourhood to lie in: **Agree**
- The buildings in the neighbourhood are well maintained: **Agree**
- The neighbourhood is kept clean: **Agree**
- There are enough parks in the neighbourhood: **Agree**
- There are public places in the neighbourhood where local people can get together: **Agree**

As table 8 below indicates, no statistical associations were observed between the responses about the environment indicator (table 7) and the demographic data (tables 1 and 2).

**Table 8: Relationships between Environment and demographic variables. (\*) indicates statistically significant difference at the 0.05 significance level.**

|  | p-value |
|--|---------|
| Environment vs. Gender                           | 0.79    |
| Environment vs. Age                              | 0.38    |
| Environment vs. Length of Residence              | 0.52    |
| Environment vs. PRA Membership                   | 0.60    |
| Environment vs. Neighbourhood support membership | 0.52    |
| Environment vs. Employment                       | 0.76    |

## 2.5 Information

A question about information asked respondents “For each statement below, please tick the option that best describes your view.” The summaries of responses to the individual questions are presented in table 9.

**Table 9: Summaries of responses relating to questions on information (% of respondents).**

| Information Indicator   | Strongly agree (%) | Agree (%) | Neither agree nor disagree (%) | Disagree (%) | Strongly disagree (%) | Don't know (%) | N/A (%) |
|---|--------------------|-----------|--------------------------------|--------------|-----------------------|----------------|---------|
| I know when important neighbourhood events take place                       | 5.81               | 51.83     | 19.14                          | 15.91        | 1.72                  | 3.44           | 2.15    |
| I know how to gather information relevant to neighbourhood issues           | 2.15               | 36.77     | 27.31                          | 21.72        | 3.44                  | 4.95           | 3.66    |
| Local neighbourhood groups do not usually work together on important issues | 2.15               | 27.53     | 38.92                          | 10.97        | 2.15                  | 15.05          | 3.23    |
| It is easy to pitch in and help work on problems in my neighbourhood        | 1.29               | 29.46     | 40.22                          | 10.75        | 0.86                  | 14.62          | 2.80    |

The indicator has a very low internal consistency (Cronbach’s alpha = 0.47), such that an overall score for information cannot be created from the individual statements. A median participant would have answered each statement as follows:

- I know when important neighbourhood events take place: **Agree**
- I know how to gather information relevant to neighbourhood issues: **Neither agree nor disagree**
- Local neighbourhood groups do not usually work together on important issues: **Neither agree nor disagree**
- It is easy to pitch in and help work on problems in my neighbourhood: **Neither agree nor disagree**

## 2.6 Involvement

A question about involvement asked respondents “For each statement below, please tick the option that best describes your view.” The summaries of responses to the individual questions are presented in table 10.

**Table 10: Summaries of responses relating to questions on Involvement (% of respondents).**

| Item   | Strongly agree (%) | Agree (%) | Neither agree nor disagree (%) | Disagree (%) | Strongly disagree (%) | Don't know (%) | N/A (%) |
|--|--------------------|-----------|--------------------------------|--------------|-----------------------|----------------|---------|
| I am motivated to be involved in my neighbourhood                                    | 4.30               | 27.53     | 45.16                          | 15.05        | 1.29                  | 2.80           | 3.87    |
| I feel driven to participate in neighbourhood activities                             | 1.94               | 19.57     | 39.57                          | 28.39        | 2.15                  | 4.73           | 3.66    |
| I have the desire to be active in my neighbourhood                                   | 3.23               | 30.54     | 41.51                          | 16.56        | 1.51                  | 3.01           | 3.66    |
| I usually want to get involved in making decisions that will affect my neighbourhood | 4.73               | 27.53     | 35.48                          | 22.80        | 1.72                  | 4.09           | 3.66    |
| I am involved in my neighbourhood  | 3.01               | 22.80     | 35.48                          | 30.32        | 2.15                  | 2.37           | 3.87    |
| I participate in neighbourhood activities  | 2.37               | 29.68     | 30.32                          | 28.39        | 3.01                  | 1.94           | 4.30    |
| I often volunteer for neighbourhood projects   | 2.15               | 10.75     | 26.67                          | 44.95        | 7.74                  | 3.23           | 4.52    |
| I usually pitch in when something needs to be done in the neighbourhood              | 2.58               | 24.73     | 37.42                          | 25.81        | 3.01                  | 2.15           | 4.30    |

The indicator has a good internal consistency (Cronbach’s alpha = 0.72) which tells us that respondents answered the individual item-statements within it in a reasonably consistent fashion. The mean score for information was 50/100, with 1<sup>st</sup> and 3<sup>rd</sup> quartiles at 40 and 56 respectively. A median participant would have answered the individual statements as follows:

- I am motivated to be involved in my neighbourhood: **Neither agree nor disagree**
- I feel driven to participate in neighbourhood activities: **Neither agree nor disagree**
- I have the desire to be active in my neighbourhood: **Neither agree nor disagree**
- I usually want to get involved in making decisions that will affect my neighbourhood: **Neither agree nor disagree**
- I am involved in my neighbourhood: **Neither agree nor disagree**
- I participate in neighbourhood activities: **Neither agree nor disagree**
- I often volunteer for neighbourhood projects: **Disagree**
- I usually pitch in when something needs to be done in the neighbourhood: **Neither agree nor disagree**

Some statistical associations were observed between the responses about Involvement (Table 10) and the demographic data (Tables 1 and 2) and these are presented in table 11. The only statistically significant relationships were between involvement and being a member of Parklands Resident Association and/or Neighbourhood Support, with greater levels of involvement among members.

**Table 11: Relationships between Involvement and demographic variables. (\*) indicates statistically significant difference at the 0.05 significance level.**

|   | p-value |
|---|---------|
| <b>Involvement vs. Gender</b>                           | 0.59    |
| <b>Involvement vs. Age</b>                              | 0.61    |
| <b>Involvement vs. Length of Residence</b>              | 0.25    |
| <b>Involvement vs. PRA Membership*</b>                  | <0.05   |
| <b>Involvement vs Neighbourhood support membership*</b> | <0.05   |
| <b>Involvement vs Employment</b>                        | 0.46    |

## 2.7 Relationships between wellbeing and local connections

Relationships between the different measures of Wellbeing, Environment, Belonging, Information and Involvement were compared (table 12). The correlation coefficient calculated is Kendall’s Tau, which can be applied to ordinal data and is robust even if the variables are not normally distributed. It can be interpreted the same way as a ‘normal’ correlation coefficient, with values in the range [-1 to +1] (where 0 signifies no correlation, a positive values indicates that as one variable increase so does the other; and a negative value indicates that as one variable increases the other decreases). A p-value less than 0.05 shows there is a 95% chance of a statistically significant relationship between the variables.

**Table 12: Correlations between the different measures of Wellbeing, Environment, Belonging, Information and Involvement. (\*) denotes statistically significant correlation at the 0.05 significance level.**

|                            | Wellbeing        | Belonging        | Environment      | Information      | Involvement      |
|----------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Belonging</b>           | 0.056<br>p=0.13  | -                |                  |                  |                  |
| <b>Environment</b>         | 0.111*<br>p<0.05 | 0.281*<br>p<0.05 | -                |                  |                  |
| <b>Information</b>         | 0.065<br>p=0.10  | 0.262*<br>p<0.05 | 0.274*<br>p<0.05 | -                |                  |
| <b>Involvement</b>         | 0.002<br>p=0.95  | 0.235*<br>p<0.05 | 0.032<br>p=0.41  | 0.193*<br>p<0.05 | -                |
| <b>Length of residence</b> | 0.008<br>p=0.82  | 0.186*<br>p<0.05 | -0.043<br>p=0.21 | 0.080*<br>p<0.05 | 0.030<br>p=0.39  |
| <b>Age</b>                 | 0.051<br>p=0.16  | 0.136*<br>p<0.05 | -0.029<br>p=0.44 | 0.082<br>p=0.05  | 0.090*<br>p<0.05 |

We see a number of statistically significant relationships, as follows:

- The greater a respondent’s **Length of Residence** in Parkland, the greater their sense of **Belonging** and local **Involvement**.
- Increased **Age** was related to a greater sense of **Belonging** and increased awareness of **Information** about local activities.
- Positive perceptions of the local **Environment** was related to higher self-reported **Wellbeing** and to a greater degree of community **Involvement**
- An increased sense of **Belonging** was related to a more positive perception of the **Environment**, better **Information** and greater community **Involvement**.
- Individuals who had greater **Involvement** in the community also had a greater sense of **Belonging** and felt better **Informed**.

## 2.8 Activities in and out of Parklands

Respondents were asked about the activities they and others in their household regularly took part in. They were asked to note the activities, groups, organisations or businesses they (or someone in their household) regularly connected with, both within and outside of Parklands (table 13). There was also the option of providing more details on exactly where activities were located.

Participation in reported activities ranged from 4.3% for using an After School Care program to 90.3% for using a supermarket. Of those using the supermarket, 74% used the one in Parklands, whilst 27% went elsewhere. For facilities located within Parklands, usage rates ranged from 74% (the supermarket) to 24% (issues based groups). Beyond Parklands, facility usage ranged from 9.7% (for a pharmacy/chemist) to 64.7% (for religious/spiritual groups).

**Table 13: Activities engaged in by Parklands respondents, in and out of the Parklands area.**

|                              | Number taking part in activity | % of all Respondents | Number inside Parklands | Inside Parklands (% taking part) | Number outside Parklands | Outside Parklands (% taking part) |
|------------------------------|--------------------------------|----------------------|-------------------------|----------------------------------|--------------------------|-----------------------------------|
| Preschool care               | 66                             | 14.2                 | 39                      | 59.1                             | 28                       | 42.4                              |
| Playgroups                   | 46                             | 9.9                  | 23                      | 50.0                             | 20                       | 43.5                              |
| Primary school               | 99                             | 21.3                 | 62                      | 62.6                             | 33                       | 33.3                              |
| After school care            | 20                             | 4.3                  | 12                      | 60.0                             | 5                        | 25.0                              |
| Holiday programme            | 22                             | 4.7                  | 12                      | 54.5                             | 10                       | 45.5                              |
| Religious / Spiritual groups | 85                             | 18.3                 | 25                      | 29.4                             | 55                       | 64.7                              |
| Fast food                    | 317                            | 68.2                 | 221                     | 69.7                             | 54                       | 17.0                              |
| Supermarket                  | 420                            | 90.3                 | 311                     | 74.0                             | 115                      | 27.4                              |
| Pharmacy/chemist             | 380                            | 81.7                 | 261                     | 68.7                             | 37                       | 9.7                               |
| Library                      | 289                            | 62.2                 | 199                     | 68.9                             | 45                       | 15.6                              |
| Medical/Health               | 310                            | 66.7                 | 128                     | 41.3                             | 141                      | 45.5                              |
| Restaurant                   | 250                            | 53.8                 | 141                     | 56.4                             | 63                       | 25.2                              |
| Bookshop                     | 203                            | 43.7                 | 109                     | 53.7                             | 34                       | 16.7                              |
| Craft classes                | 30                             | 6.5                  | 11                      | 36.7                             | 12                       | 40.0                              |
| Organised Exercise gym       | 70                             | 15.1                 | 29                      | 41.4                             | 33                       | 47.1                              |
| Independent Exercise gym     | 49                             | 10.5                 | 20                      | 40.8                             | 20                       | 40.8                              |
| Sports club                  | 123                            | 26.5                 | 64                      | 52.0                             | 56                       | 45.5                              |
| Cycling                      | 134                            | 28.8                 | 93                      | 69.4                             | 17                       | 12.7                              |
| Independent Outdoor Exercise | 250                            | 53.8                 | 169                     | 67.6                             | 44                       | 17.6                              |
| Issues based group           | 25                             | 5.4                  | 6                       | 24.0                             | 5                        | 20.0                              |
| Volunteering                 | 83                             | 17.8                 | 32                      | 38.6                             | 20                       | 24.1                              |

Note: some respondents took part in activities inside and outside of Parklands, hence % may not add to 100.

## 2.9 Enhancements to Parklands

Section 4 of the survey asked respondents to indicate what might be added to Parklands to improve, extend or upgrade or enhance it as a neighbourhood. This was a free text section where respondents could write they wanted. There were 279 responses to this question, reflecting the views of 60% of the 465 overall survey respondents. The most commonly mentioned (more than 5% of responses) items are presented in table 14.

Table 14: Most commonly mentioned enhancements to Parklands.

| Commonly mentioned items (from 279 responses)*  | Times mentioned | % of responses |
|---|-----------------|----------------|
| A new swimming pool (in place of QEII)  | 73              | 26.1           |
| Road and street repairs   | 61              | 21.8           |
| References to the multiple facilities previously available at QEII (e.g. pool, athletics, golf facilities, etc) | 58              | 20.7           |
| School/High School  | 50              | 17.9           |
| Footpath(s) repairs   | 23              | 8.2            |
| Preference for a more local petrol/service station  | 21              | 7.5            |
| Cafés (more or better cafes)  | 16              | 5.7            |

## 2.10 Local assets

In Section 5 of the survey, respondents were asked to identify and locate on a map what they considered to be the 'best things' in Parklands. A particular request was made for respondents to identify 'things that are not widely known'. Respondents were asked to supply a feature name, and comment about the feature. The results were digitised by the University geography students using ArcGIS, a commercially available GIS package.

A second part of the mapping exercise involved Year 7 and 8 pupils at Parkview and Queenspark schools inputting the same information electronically directly into ArcGIS.

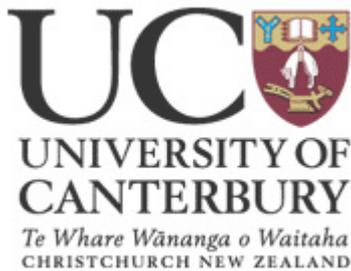
Taken together, the points have been classified into seven colour coded categories with the number of points in each category in Table 15.

Table 15: Number of points in Local Assets map, sub-divided by adult survey respondents, and Year 7/8 school pupils.

|                      | Survey respondents | Year 7 and 8 school pupils | TOTAL |
|----------------------|--------------------|----------------------------|-------|
| <b>Business</b>      | 136                | 23                         | 159   |
| <b>Education</b>     | 146                | 53                         | 199   |
| <b>Environment</b>   | 116                | 34                         | 150   |
| <b>Food/drink</b>    | 187                | 51                         | 238   |
| <b>Health</b>        | 82                 | 8                          | 90    |
| <b>Recreation</b>    | 420                | 113                        | 533   |
| <b>Uncategorised</b> | 44                 | 3                          | 47    |
| <b>TOTAL</b>         | 1131               | 285                        | 1416  |

The final data can be viewed at [http://www.geog.canterbury.ac.nz/Parklands/assets\\_map.shtml](http://www.geog.canterbury.ac.nz/Parklands/assets_map.shtml)

There are a number of points to note when using the online map. The data is crowd sourced data. **No attempt has been made to correct locations, feature names or comments.** This means that the same feature will have been referred to many times by different people. The same feature may also have been located in slightly different places, so it will show up many times. It also means that, in some cases, the point could be incorrectly located.



## PARKLANDS NEIGHBOURHOOD ASSETS SURVEY

The Parklands Network<sup>7</sup> would like to understand more about what it is like to live in Parklands at present. In particular, they are interested in the 'assets' within the neighbourhood, including the skills, knowledge and resources of local people and groups.

Designed in partnership with staff from the University of Canterbury's Department of Geography, the attached survey explores these issues. It is being delivered and administered by students in a first year course, GEOG110 Dynamic Places, as part of the University's commitment to working with local communities.

### What does taking part involve?

You are invited to complete this survey, which will take around 15 minutes. The survey is divided into five main sections:

- 1: Preliminary information.** Requests basic information about you and your household.
- 2: Well-being and local connections.** Asks about your experience of living in Parklands.
- 3: Your regular activities.** Seeks to understand your regular activities and where they occur.
- 4: What might be added to Parklands?** This section asks about the assets and facilities that might be added to Parklands, as well as those which could be improved, extended or upgraded.
- 5: Local assets.** Here we would like you to tell us where the best things in Parklands are.

Completing the survey is voluntary and you have the right to withdraw at any stage without penalty. If you withdraw, we will do our best to remove any information relating to you, provided this remains practically achievable.

### What do I do next?

If you are willing to take part in the study, please complete the following survey. For those who complete the survey, we will assume that you are willing for your information to be used in a confidential manner as explained below.

### How do I get the survey back to you?

The students will collect this survey at a time pre-arranged with you or indicated in the box to the right. If you will not be in, leave in your mail box. Alternatively you may leave at the Parklands Baptist Church office or in the letterbox at the side entrance.

**We will collect this survey on:**

<sup>7</sup> The Parklands Network is a group of local organisations that includes Parklands Residents Association, Parklands Neighbourhood Support, North East Secondary Education, Parklands Baptist Community Church, St. Andrews Anglican Church, Waimairi Golf Club, Queenspark School and Parkview School.

### What will happen to the information I provide?

The information from the survey will be used to inform decisions made by organisations in Parklands. In addition, an online Google Map will be created that identifies the key assets of Parklands as identified by local residents. Your responses will be confidential and you will never be individually identified in any of the results.

The project data will be securely stored in a locked room and on a password protected computer system at the University. Anonymised versions of the data (names and contact details will be removed) may be made available to students as part of practical exercises within Geography classes. The university copy of your information will be destroyed after ten years.

Electronic summaries of the project results will be sent to the Parklands Network, and may be accessed by members of the local neighbourhood from there (providing you have an email address). These results will not identify any individuals.

### How does this survey relate to the Census?

This survey is **not** the same as the Census which you will have recently completed. This survey has been designed in collaboration with the local neighbourhood, and the results will be used by members of the local neighbourhood.

### Other information

This project has been reviewed *and* approved by the Department of Geography at the University of Canterbury and University of Canterbury Human Ethics Committee. Participants may address any complaints to The Chair, Human Ethics Committee, University of Canterbury, Private Bag 4800, Christchurch ([human-ethics@canterbury.ac.nz](mailto:human-ethics@canterbury.ac.nz)).

### Supplementary page

A final supplementary page from the Parklands Network offers you the opportunity to be better connected with local groups and activities. The Parklands Network would also like to know the skills and assets you/your household might be willing to offer to the local neighbourhood in an emergency such as another earthquake. **This information is separate from the main survey and will not be used or stored by staff or students at the University of Canterbury. It will only be used by the Parklands Network in the event of an emergency.**

If you have any questions about this survey and/or wish to receive a copy of the findings when they are available, then please contact Kathy Hogarth:

[kathy.hogarth@canterbury.ac.nz](mailto:kathy.hogarth@canterbury.ac.nz)

Tel 364 2987 extn 3629

(1.30-4.30pm, weekdays)



Prof Simon Kingham  
Department of Geography  
University of Canterbury  
[Simon.kingham@canterbury.ac.nz](mailto:Simon.kingham@canterbury.ac.nz)  
03 364 2893



Chris Ponniah  
Lead Pastor, Parklands Baptist Community Church  
on behalf of Parklands Network  
[chris@parklands.org.nz](mailto:chris@parklands.org.nz)  
03 383 1356

# PARKLANDS NEIGHBOURHOOD ASSETS SURVEY

Undertaken for the Parklands Network

Administered by the Department of Geography, University of Canterbury

*I have been given a full explanation of this project and have had the opportunity to ask questions. I understand what is required of me if I agree to take part in the research. I understand that participation is voluntary and I may withdraw at any time without penalty. Withdrawal of participation will also include the withdrawal of any information I have provided should this remain practically achievable. I understand that by completing this survey, I agree to participate in the research project described in the information sheet.*

**Section 1: Preliminary information.** This is basic information about you and your household.

1. How long have you lived at your current address? \_\_\_\_\_ years and \_\_\_\_\_ months
2. How long have you lived in Parklands? \_\_\_\_\_ years and \_\_\_\_\_ months
3. Are you?         Male         Female
4. Which age group do you fall into?  
 16-19     20-29     30-39     40-49     50-59     60-69     +
5. At present, do you live (please tick **as many options as apply**)?  
[ ] by yourself  
[ ] with a spouse or partner  
[ ] with children under 18 years old  
[ ] with child aged 18 or over  
[ ] with other family members  
[ ] with flatmates  
[ ] with friends  
[ ] with other people; please describe whom: \_\_\_\_\_
6. Which of the following ethnic groups do you belong to (please tick **as many options as apply**)?  
[ ] New Zealand European  
[ ] NZ Māori  
[ ] Pacific Islander  
[ ] Chinese  
[ ] Indian  
[ ] Japanese  
[ ] European (please state which nationality) \_\_\_\_\_  
[ ] Other (please specify): \_\_\_\_\_
7. Are you currently (please tick **one only**)?  
[ ] in full time paid employment  
[ ] in part time paid employment  
[ ] not in paid employment/seeking employment  
[ ] working as a parent/caregiver  
[ ] retired  
[ ] studying  
[ ] other (please specify): \_\_\_\_\_
8. Are you a member of the Parklands Residents Association?         Yes         No
9. Are you a member of Neighbourhood Support?                         Yes         No

**Section 2: Well-being and Local Connections**

In this section we would like to understand more about your experience of living in Parklands.

10. For each statement below, please tick the option that best describes how you have felt over the last two weeks.

| <i>Over the last two weeks</i>                             | All of the time | Most of the time | More than half of the time | Less than half of the time | Some of the time | At no time |
|--|-----------------|------------------|----------------------------|----------------------------|------------------|------------|
| I have felt cheerful and in good spirits                   | [ ]             | [ ]              | [ ]                        | [ ]                        | [ ]              | [ ]        |
| I have felt calm and relaxed                               | [ ]             | [ ]              | [ ]                        | [ ]                        | [ ]              | [ ]        |
| I have felt active and vigorous                            | [ ]             | [ ]              | [ ]                        | [ ]                        | [ ]              | [ ]        |
| I woke up feeling fresh and rested                         | [ ]             | [ ]              | [ ]                        | [ ]                        | [ ]              | [ ]        |
| My daily life has been filled with things that interest me | [ ]             | [ ]              | [ ]                        | [ ]                        | [ ]              | [ ]        |

11. For each statement below, please tick the option that best describes your view.

| <b>Belonging</b>  | Strongly disagree | Disagree | Neither agree nor disagree | Agree | Strongly agree | Don't know |
|---|-------------------|----------|----------------------------|-------|----------------|------------|
| I plan to remain a resident of this neighbourhood for a number of years | [ ]               | [ ]      | [ ]                        | [ ]   | [ ]            | [ ]        |
| I regularly stop and talk with people in my neighbourhood               | [ ]               | [ ]      | [ ]                        | [ ]   | [ ]            | [ ]        |
| I feel like I belong to this neighbourhood                              | [ ]               | [ ]      | [ ]                        | [ ]   | [ ]            | [ ]        |
| I know the names of a lot of people in my neighbourhood                 | [ ]               | [ ]      | [ ]                        | [ ]   | [ ]            | [ ]        |
| I am very attached to the local environment and landscape               | [ ]               | [ ]      | [ ]                        | [ ]   | [ ]            | [ ]        |

Please add any comments about your belonging in your community

| <b>Environment</b>   | Strongly disagree | Disagree | Neither agree nor disagree | Agree | Strongly agree | Don't know |
|--|-------------------|----------|----------------------------|-------|----------------|------------|
| Parklands is a safe neighbourhood to live in.                                    | [ ]               | [ ]      | [ ]                        | [ ]   | [ ]            | [ ]        |
| The buildings in the neighbourhood are well maintained.                          | [ ]               | [ ]      | [ ]                        | [ ]   | [ ]            | [ ]        |
| The neighbourhood is kept clean  | [ ]               | [ ]      | [ ]                        | [ ]   | [ ]            | [ ]        |
| There are not enough parks in the neighbourhood                                  | [ ]               | [ ]      | [ ]                        | [ ]   | [ ]            | [ ]        |
| There are public places in the neighbourhood where local people can get together | [ ]               | [ ]      | [ ]                        | [ ]   | [ ]            | [ ]        |

Please add any comments about the environment in your neighbourhood

| <b>Information</b>  | <b>Strongly disagree</b> | <b>Disagree</b> | <b>Neither agree nor disagree</b> | <b>Agree</b> | <b>Strongly agree</b> | <b>Don't know</b> |
|---|--------------------------|-----------------|-----------------------------------|--------------|-----------------------|-------------------|
| I know when important neighbourhood events take place                       | [ ]                      | [ ]             | [ ]                               | [ ]          | [ ]                   | [ ]               |
| I do not know how to gather information relevant to neighbourhood issues    | [ ]                      | [ ]             | [ ]                               | [ ]          | [ ]                   | [ ]               |
| Local neighbourhood groups do not usually work together on important issues | [ ]                      | [ ]             | [ ]                               | [ ]          | [ ]                   | [ ]               |
| It is easy to pitch in and help work on problems in my neighbourhood.       | [ ]                      | [ ]             | [ ]                               | [ ]          | [ ]                   | [ ]               |

Please add any comments about how well you feel informed about things in your neighbourhood

| <b>Involvement</b>  | <b>Strongly disagree</b> | <b>Disagree</b> | <b>Neither agree nor disagree</b> | <b>Agree</b> | <b>Strongly agree</b> | <b>Don't know</b> |
|---|--------------------------|-----------------|-----------------------------------|--------------|-----------------------|-------------------|
| I am motivated to be involved in my neighbourhood   | [ ]                      | [ ]             | [ ]                               | [ ]          | [ ]                   | [ ]               |
| I feel driven to participate in neighbourhood activities                                    | [ ]                      | [ ]             | [ ]                               | [ ]          | [ ]                   | [ ]               |
| I have the desire to be active in my neighbourhood  | [ ]                      | [ ]             | [ ]                               | [ ]          | [ ]                   | [ ]               |
| I usually do not want to get involved in making decisions that will affect my neighbourhood | [ ]                      | [ ]             | [ ]                               | [ ]          | [ ]                   | [ ]               |
| I am involved in my neighbourhood   | [ ]                      | [ ]             | [ ]                               | [ ]          | [ ]                   | [ ]               |
| I do not participate in neighbourhood activities  | [ ]                      | [ ]             | [ ]                               | [ ]          | [ ]                   | [ ]               |
| I often volunteer for neighbourhood projects  | [ ]                      | [ ]             | [ ]                               | [ ]          | [ ]                   | [ ]               |
| I usually pitch in when something needs to be done in the neighbourhood                     | [ ]                      | [ ]             | [ ]                               | [ ]          | [ ]                   | [ ]               |

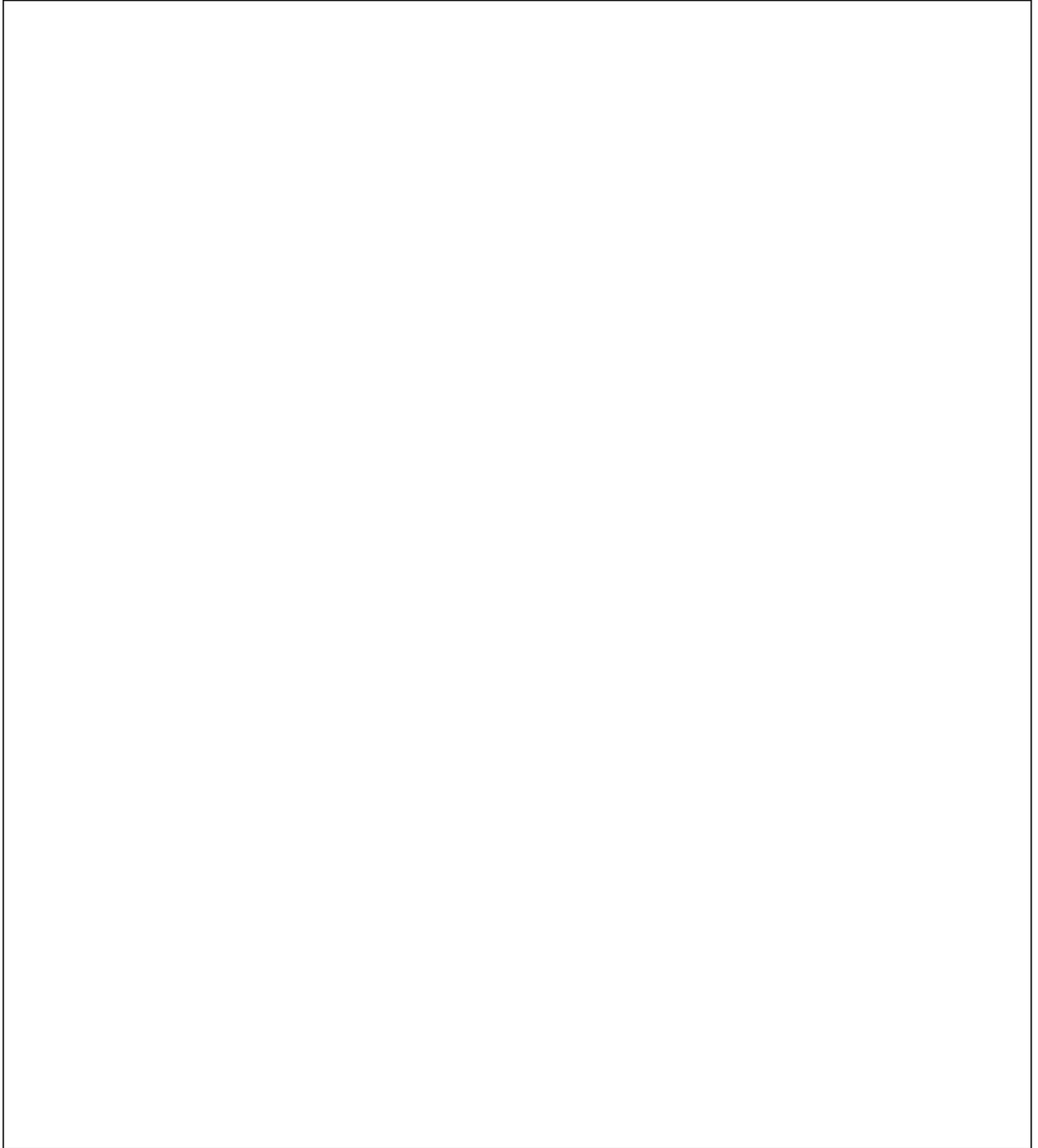
Please add any comments about your involvement in your neighbourhood

**Section 3. Your regular activities.** Here we want to understand the activities you and others in your household regularly take part in, both within and outside of Parklands. Please use a tick to indicate which of the following activities, groups, organisations or businesses you (or someone in your household) you regularly connect with.

| Activities, groups, organisations and businesses that I (or someone in my household) am/is involved in, attend, use or visit | Tick (✓) if Yes (otherwise leave blank) | In Parklands – please state where (name the place or street) | Outside Parklands – please state where (suburb/ area it is in) | Comments |
|--|---|--|--|----------|
| Pre-school care (e.g. Playcentre, Kindy, pre-school)   |   |  |  |          |
| Playgroup, children’s music or gym group etc.  |   |  |  |          |
| Primary school   |   |  |  |          |
| After school care  |   |  |  |          |
| Children’s holiday programmes  |   |  |  |          |
| Religious/spiritual group (e.g. church, temple, mosque, etc.)  |   |  |  |          |
| Fast food outlet   |   |  |  |          |
| Supermarket  |   |  |  |          |
| Pharmacy/chemist   |   |  |  |          |
| Library  |   |  |  |          |
| Medical/Health Centre (e.g. doctor surgery, physio, naturopath)  |   |  |  |          |
| Restaurant/Cafe  |   |  |  |          |
| Bookshop   |   |  |  |          |
| Craft classes  |   |  |  |          |
| Organised exercise in a gym (e.g. yoga class, step aerobics, etc.)   |   |  |  |          |
| Independent exercise in a gym (e.g. individual weights)  |   |  |  |          |
| Sports club (e.g. running club, rugby, football/soccer)  |   |  |  |          |
| Cycling  |   |  |  |          |
| Independent outdoor exercise (e.g. walking, running, tai chi)  |   |  |  |          |
| An issues-based group (e.g. environmental group). Please state type of group in Comments box to the right →                  |   |  |  |          |
| Volunteering 1 – please note details in the Comments box →   |   |  |  |          |
| Volunteering 2 – please note details in the Comments box →   |   |  |  |          |
| Volunteering 3 – please note details in the Comments box →   |   |  |  |          |

**Section 4: What might be added to Parklands to enhance it as a neighbourhood?** This section asks you to identify assets and facilities that could be added to Parklands, as well as those which could be improved, extended or upgraded.

Please indicate what you think could be added, improved, extended or upgraded in your neighbourhood, using the box below.

A large, empty rectangular box with a thin black border, intended for the user to write their responses to the question above. The box is currently blank.

**Section 5: Local assets.** In this section we would like you to tell us (**and mark the number on the map**) where the best things in Parklands are. We particularly want to find out about things that are not widely known.

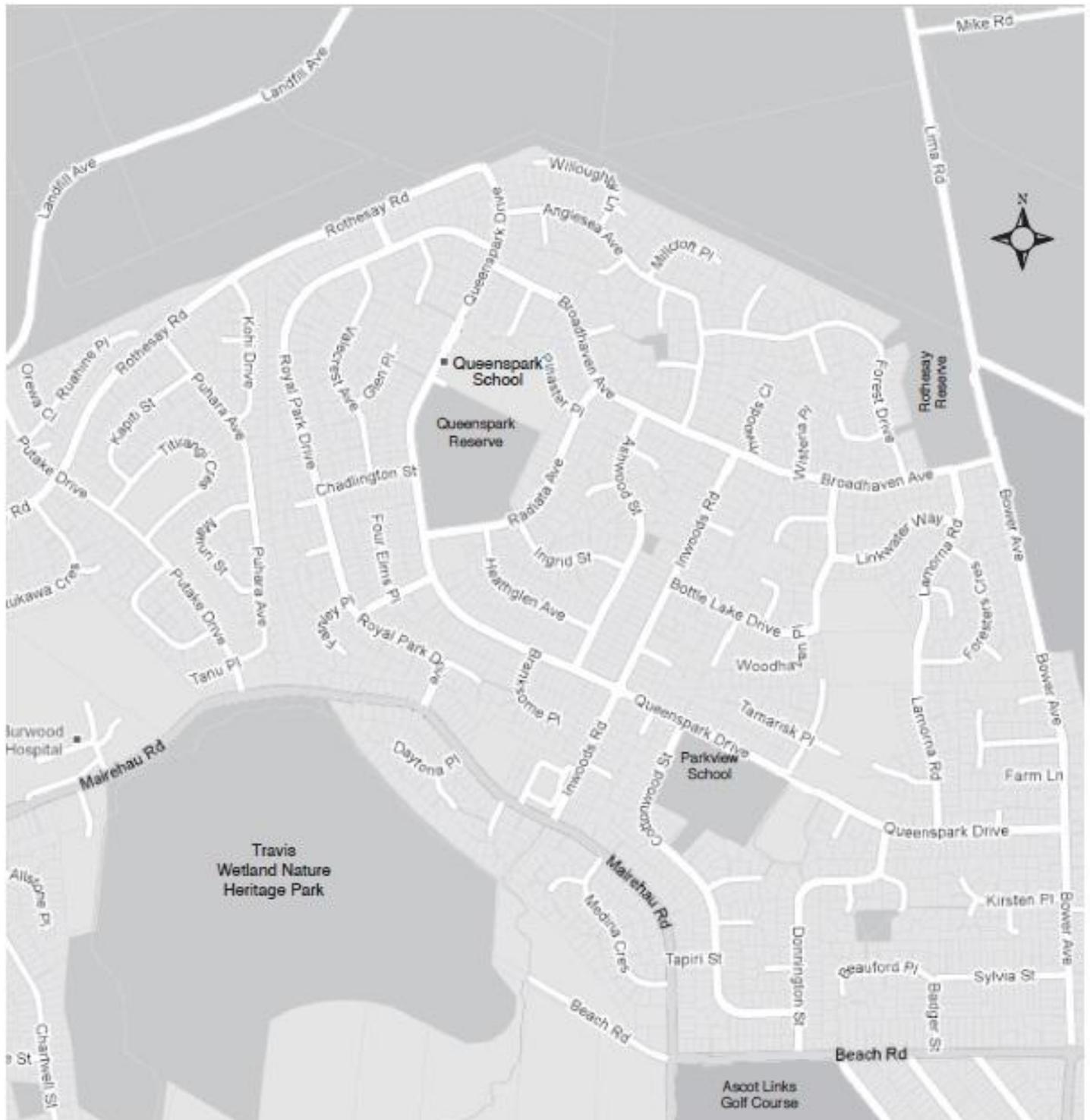
In the table below please list features of the neighbourhood **you and others in your household** like and add some comment about them. This information will be incorporated into an online map (via Google Maps) available for you to access.

The sort of things you note down might include:

- Educational facilities or opportunities: e.g. schools, pre-school care, playgroups, libraries, informal night or day classes.
- Businesses: e.g. shops, services, tradespeople, markets.
- Health and wellbeing: e.g. health/medical clinics, physiotherapists, religious or spiritual groups.
- The environment; physical, built and natural: e.g. water sources
- Outdoor recreation: e.g. forest, beach, footpaths, cycle tracks, parks, playgrounds, good neighbourhood events, sports clubs, other open spaces.
- Food/drink: e.g. cafes, pubs, restaurants, takeaways.

| Number | Feature       | Comment – specifically tell us why you like this feature, or what is special about it. |
|--------|---------------|--|
| e.g.   | Walking track | This is a great track because the kids can bike on it with us.                         |
| 1      |               |  |
| 2      |               |  |
| 3      |               |  |
| 4      |               |  |
| 5      |               |  |
| 6      |               |  |
| 7      |               |  |
| 8      |               |  |
| 9      |               |  |
| 10     |               |  |
| 11     |               |  |

Thank you for completing this survey. This survey will now be collected at a time arranged by the student who collected it or indicated on the front sheet. If this is not possible you can leave at the Parkland Baptist Church office or in the letterbox at the side entrance of the building



Map source: Google Maps 2013

**This map relates to Section 5 on the preceding page**

Mark a number on the map that corresponds to the table on the preceding page. Using the table, we would like you to list features of the neighbourhood you and others in your household like, and add some comment about them. This information will be incorporated into an online map (via Google Maps) available for you to access.

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