

Avondale Community Neighbourhood Assets Project 2014

This report is based on data collected in March and April 2014 as part of the University of Canterbury's GEOG110 *Dynamic Places: Exploring Human Environments* course. The data were collected and analysed for the Avondale Residents Association.

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Background

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. 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 and the human communities within them change and develop over time. . In 2014, the practical component of this course involved GEOG110 students collaborating with the Avondale Residents Association to investigate post-earthquake life in Avondale. The Residents Association was interested in learning more about what life is like in Avondale at present. They were particularly interested in neighbourhood assets, including the skills, knowledge and resources of local people and groups. To help gather this information, GEOG110 students administered a survey of residents in the Avondale 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 taking part in it. On the front was a box which the students had to complete indicating when the survey would be collected.
- Six pages of questions (part of Appendix B), divided into five main sections:
 1. Preliminary information (gathering basic data about respondents and their households).
 2. Wellbeing and local connections (focusing on respondents' experiences of living in Avondale).
 3. Regular activities (gathering information on respondents' regular activities and where they occur).
 4. What might enhance Avondale as a neighbourhood? This section asked respondents about assets and facilities that might be added to Avondale, 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 Avondale at present.
- A supplementary page was included to collect information for the Avondale Residents Association (part of Appendix B). This information was separate from the main survey and was not viewed or used by the University of Canterbury (a condition of the Ethics permission granted to carry out the survey).

The students sought to deliver surveys to all households in the Avondale area. The students distributed the survey in groups of 3-4, with approximately 40 households allocated to each group. When they delivered the survey, the students indicated when they would return to collect it. Collection was undertaken either on the same day or a few days later.

The surveys were delivered between the 16th and 23rd March 2014. Students were encouraged to deliver and collect between 4 and 6pm, 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. 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 to one of two addresses in Avondale (from where the surveys were forwarded to the University).

A total of 262 completed surveys were collected. The information within them was collated into a database and analysed in R (an open-source statistical analysis software).

Results

Demographic Data

Table one provides a summary of the characteristics of the Avondale survey respondents compared to the 2013 census information for Avondale. Compared to the 2013 census data, the survey sample had a greater proportion of both retired people and females, with males underrepresented and those under the age of 20 not represented at all. Similarly, the survey sample was substantially over representative of those of European descent and under representative of those of Maori and Pacific decent.

Table 1: A summary of the Avondale survey sample compared to 2013 census data for Avondale
(* indicates a significant difference between the sample characteristics and those of the census)

		<i>Survey Respondents (%)</i>	<i>Census 2013 (%)</i>
Gender	Male *	38.9	50.2
	Female*	61.1	49.8
Age	0 – 9	0	12.7
	10 – 19	0	12.1
	20 – 29*	6.5	12.1
	30 – 39	13.4	12.9
	40 – 49	14.9	14.7
	50 – 59*	24.4	14.1
	60+*	40.8	21.4
Ethnicity	European	95.0	89.4
	Maori*	3.8	10.6
	Pacific People	0.8	4.0
	Asian	0.8	3.1
	Other	2.3	2.7
Employment	Full Time*	43.0	52.8
	Part Time	14.0	14.2
	Not in the Labour Force*	40.3	30.1
	Unemployed	2.7	3.1

Additional information about the survey respondents is shown in tables 2 and 3. The median length of residence in Avondale for survey respondents was sixteen years (and thirteen years in the respondent's current home), with 75% of respondents having lived in Avondale more than six years (as shown by the 25th%) (Table 2). The vast majority of respondents were not members of the Avondale Residents Associate (89%), did own the home they lived in (87%) and were on TC3 land (87%). Over a half of respondents were having their home repaired (57%), while 22% lived in homes that had been designated as 'rebuilt'. An additional 22% were not yet confirmed as either a rebuild or a repair. Over half (62%) of those who responded to the question about an Aranui super school replacing the to-be-closed Avondale School were either unhappy or very unhappy at the prospect of sending their children there, although they indicated that the school closure decision would have little impact on their decision to stay or not in Avondale (80% indicated no difference). Sixty per cent

of respondents envisaged still living in Avondale in five years' time and an additional 32% envisaged living elsewhere in Christchurch.

Table 2: Length of residence at current address and in Avondale (all survey participants)

	Length of time at current address (years)	Length of time in Avondale (years)
Min	0.1	0.1
25th%	5	6.3
Mean	17.1	19.3
Median	13.0	16.0
75th%	25	28
Max	68.0	68.0

Table 3: Other characteristics of Avondale survey respondents

QUESTION	RESPONSE	%
Member of the Avondale Residents Association?	Yes	11
	No	89
House ownership	Owned by me/ my family	87
	Rented	12
	Other	1
Land category	TC2 land	13
	TC3 land	87
Repair/rebuild status	Confirmed rebuild	22
	Confirmed repair	57
	Not yet confirmed	22
Is the house you live in a rebuild on the flood plain on TC3 land?	Yes	38
	No	62
If you have/had/will have a primary school age child in 2017, when Avondale Primary closes, how happy would you be sending your child to the new Aranui super school? (135 indicated not applicable; percentages are calculated for 124 responses)	Very happy	2
	Happy	0
	Neutral	7
	Unhappy	18
	Very unhappy	44
	Don't know	21
How has the announcement of the closure of Avondale School in 2017 affected your likelihood of staying in Avondale?	More likely to stay in Avondale	2
	No difference	80
	Less likely to stay in Avondale	18
Where do you think you will be living in 5 years?	In Avondale	60
	Elsewhere in Christchurch	32
	Outside Christchurch but in NZ	6
	Overseas	2

Wellbeing, Belonging, Social Connectedness and Environment

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”* (table 4). The statements here were from the World Health Organisation five item wellbeing index, known as the WHO-5. Other questions explored how residents felt in terms of belonging, environment, information and involvement, using the format of *“For each statement below, please tick the option that best describes your view”* (tables 5-8).

Table 4: Summary of responses to questions on personal wellbeing in previous two weeks (% of respondents).

Wellbeing indicator	All of the time (%)	Most of the time (%)	More than half (%)	Less than half (%)	Some of the time (%)	At no time (%)
I have felt cheerful and in good spirits	6.1	39.3	18.2	14.2	19.4	2.8
I have felt calm and relaxed	5.6	33.5	19.4	17.3	19.4	4.8
I have felt active and vigorous	3.7	26.6	19.3	20.5	21.7	8.2
I woke up feeling fresh and rested	3.3	23.4	16.8	21.3	31.6	3.7
My daily life has been filled with things that interest me	7.7	34.3	23.4	11.3	21.4	2.0

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 (%)
I plan to remain a resident of this neighbourhood for a number of years	18.2	9.3	11.2	15.1	32.2	13.6
I regularly stop and talk with people in my neighbourhood	1.2	4.3	15.8	17.8	42.7	17.8
I feel like I belong to this neighbourhood	2.4	3.5	7.1	25.5	41.6	19.6
I know the names of a lot of people in my neighbourhood	2.8	3.6	23.8	16.3	37.7	15.5
I am very attached to the local environment and landscape	3.2	7.5	9.9	28.9	34.8	15.8

Table 6: 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 (%)
Avondale is a safe neighbourhood to live in	14.0	46.7	20.6	11.7	4.3	2.7
The buildings in the neighbourhood are well maintained	8.3	33.3	21.0	23.8	11.9	1.6
The neighbourhood is kept clean	8.3	41.7	16.3	23.0	10.3	0.4
There are enough parks in the neighbourhood	11.6	51.0	13.9	14.7	6.0	2.8
There are public places in the neighbourhood where local people can get together	5.9	34.8	24.1	22.1	7.9	5.1

Table 7: 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 (%)
I know when important neighbourhood events take place	5.0	52.7	19.0	12.8	3.5	7.0
I know how to gather information relevant to neighbourhood issues	5.1	38.3	26.6	18.8	2.7	8.6
It is easy to pitch in and help work on problems in my neighbourhood	7.8	51.2	19.0	15.1	2.3	4.7

Table 8: Summaries of responses relating to questions on Involvement (% of respondents).

Involvement indicator	Strongly agree (%)	Agree (%)	Neither agree nor disagree (%)	Disagree (%)	Strongly disagree (%)	Don't know (%)
I am motivated to be involved in my neighbourhood	1.6	21.8	43.5	25.4	3.2	4.4
I usually want to get involved in making decisions that will affect my neighbourhood	2.0	20.3	39.4	30.1	2.8	5.3
I am involved in my neighbourhood	1.6	14.3	40.4	35.9	4.1	3.7
I often volunteer for neighbourhood projects	1.2	8.2	28.0	51.0	6.6	4.9
I usually pitch in when something needs to be done in the neighbourhood	2.9	25.0	34.8	29.1	4.5	3.7

Table 9 summarises people’s opinions regarding wellbeing, belonging, environment, information and involvement. It uses indices on a 0-100 scale that have been generated from people’s responses to the questions in tables 4-8.

Table 9: Summary scores for Wellbeing, Belonging, Environment, Information and Involvement

Index	Mean	SD	IQR	Min	25%	Median	75%	Max	N	NA
Wellbeing	54	24	40	0	36	56	76	100	235	27
Belonging	66	18	28	0	52	68	80	100	240	22
Environment	64	17	24	16	52	64	76	100	243	19
Information	64	22	27	0	53	67	80	100	255	7
Involvement	53	17	20	0	44	54	64	100	236	26

As indicated in table 9, the mean wellbeing score for those who answered the survey was 54 out of 100 (at an individual level, a score less than 13 is an indicator that testing for depression by clinical means may be advisable). A score lower than 50 is usually taken to indicate some level of ‘mental distress’, and we note that almost half the survey respondents had self-reported wellbeing levels below this threshold. That said, the interquartile range (IQR) and standard deviation scores for

wellbeing (40 and 24 respectively), suggest that there is a reasonably large spread in the wellbeing of Avondale residents.

The mean and median values for the Belonging, Environment and Information indices were all above 60, and the 25th percentiles above 50, suggesting the majority of people sampled in Avondale feel they belong, have positive views of the environment and feel well informed about the local area. The index for Involvement was lower, which suggests that a number of respondents do not feel particularly involved in the local community.

Relationships between wellbeing and the age of survey respondents can be seen in Figure 1. Wellbeing has a reasonably large inter quartile range, indicative of a spread in how “well” the survey respondents felt across all age groups. The inter quartile wellbeing range was smaller for those aged 20–29, where there was less variation in self-reported wellbeing. Those in the 40–49, 50–59 and 60–69 age groups reported lower wellbeing levels, which may be because these people were impacted more severely by the earthquakes and/or have been finding life in Avondale more difficult since the earthquakes (particularly when compared to those in in the 20–29, 30–39 and 70+ age groups).

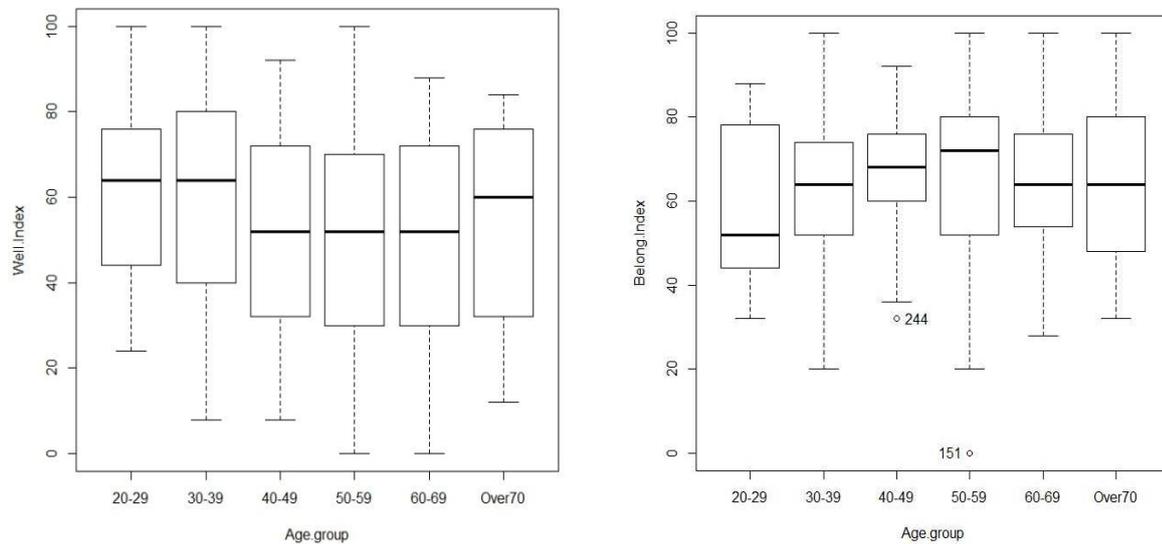


Figure 1: Indices of wellbeing and belonging relative to age

A number of relationships between belonging and age can be observed (Figure 1). Those aged 20-29 reported the least sense of belonging within the Avondale Community, as reflected in the lowest mean, as well as the smallest inter-quartile range of the various age groups. Those aged of 50-59 experienced the highest mean sense of belonging, followed closely by those aged 40-49. The higher levels of belonging of respondents in these age groups may be connected to them being parents, and thus involved in the community through their children’s schooling. It is important to acknowledge that whilst those aged 50-59 have the highest mean for belonging, that they also have one of the highest inter quartile ranges when assessing relationships between age and belonging. Although they may have the highest levels belong, there is substantial variance in the levels of belonging felt by those aged 50-59.

T-Tests were performed to assess whether there was any statistically significant relationship between respondents’ gender and their reported levels of belonging and social connectedness. Using a significance level of 0.05, no significant relationships were observed between gender and

any of the indices (Table 10). For the Avondale survey respondents, this implies that a person's gender does not significantly affect their level of wellbeing, belonging, satisfaction with the environment, access to information or community involvement.

Table 10: Mean scores and variance by gender for wellbeing and social connectedness indices

Index	All	Male	Female	p-value
Wellbeing	54	56	50	0.18
Belonging	66	64	63	0.26
Environment	64	61	61	0.26
Informed	63	61	63	0.71
Involved	53	53	53	0.68

Linear regression was used to assess whether there was a relationship between a person's length of residence in Avondale and their reported levels of wellbeing, belonging, environment, information and involvement (Figures 2-6). The only significant correlation found here was between belonging and length of residence, and even then, the R-squared value for the belonging index was a relatively low 0.015 (Figure 3). This indicates that only 1.5% of the variation in responses can be explained by the length of time a person has lived in Avondale. When wellbeing was tested against length of residence in Avondale, an insignificant negative correlation was found (Figure 2). Consequently, it can be concluded that length of residence in Avondale does not explain variation in levels of wellbeing. Environment, Information and Involvement were all positively but insignificantly correlated with the length of residence in Avondale. In other words, the length of time a respondent has spent in Avondale does not have any significant bearing on their evaluations of the local environment or the information they receive, or the extent of their local involvement.

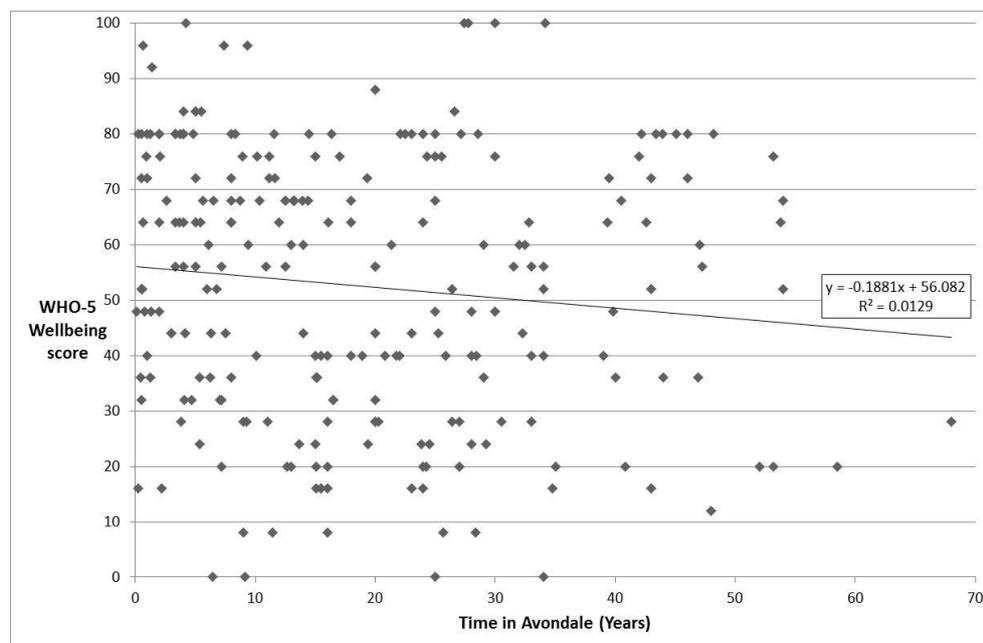


Figure 2: Linear regression results for Wellbeing versus length of residence in Avondale

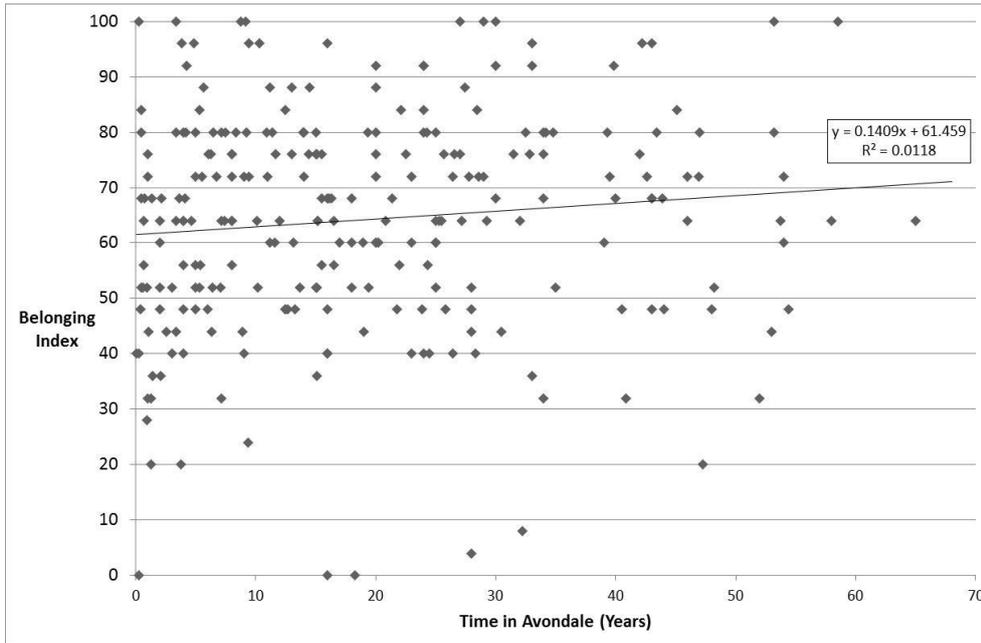


Figure 3: Linear regression results for Belonging versus length of residence in Avondale

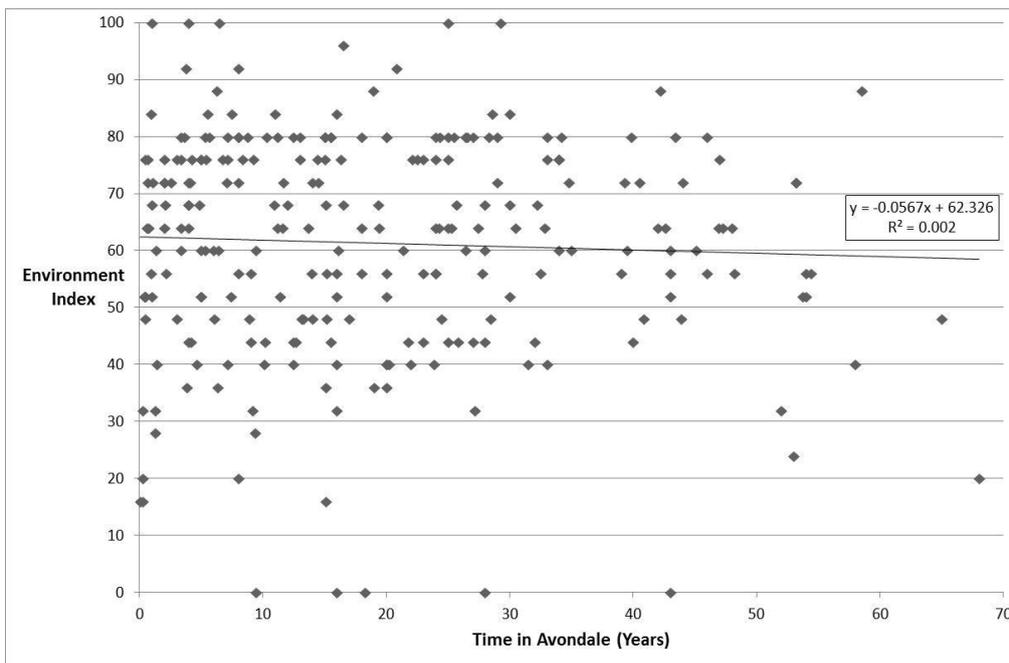


Figure 4: Linear regression results for Environment versus length of residence in Avondale

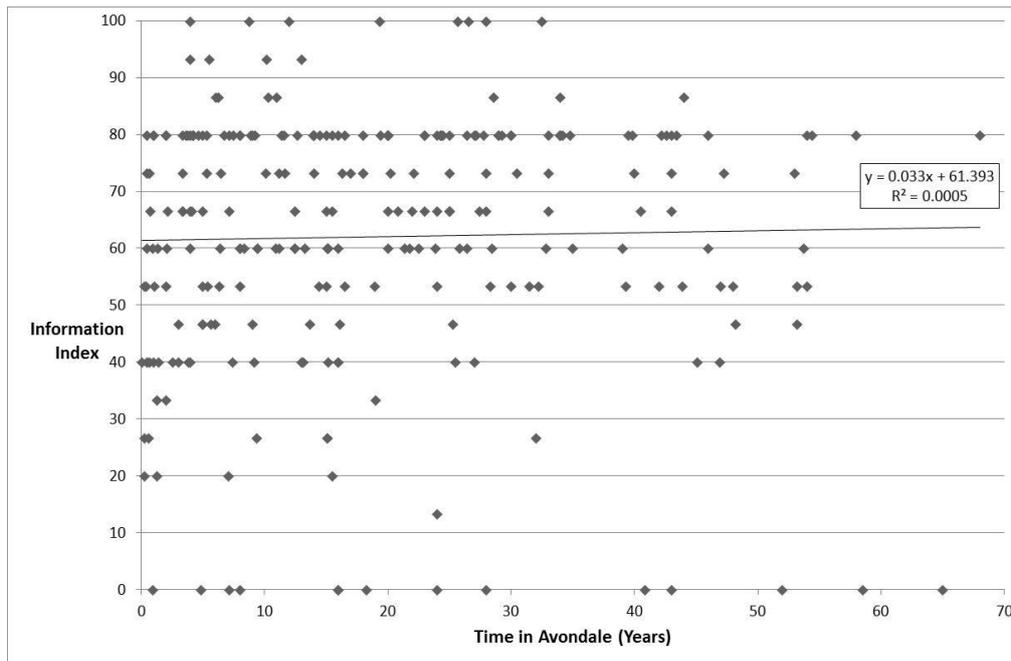


Figure 5: Linear regression results for Information versus length of residence in Avondale

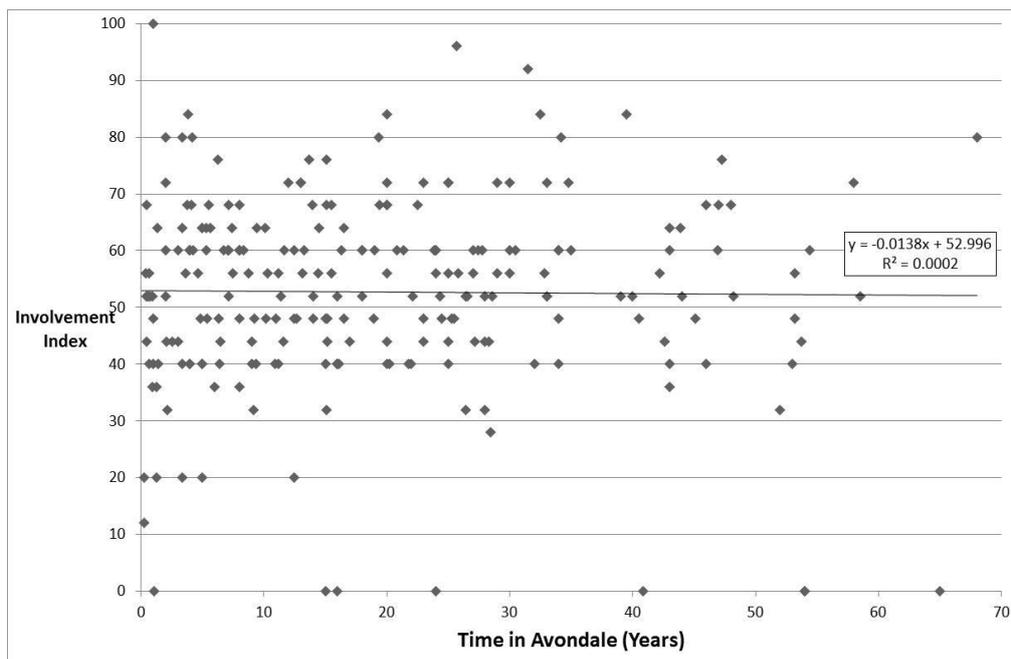


Figure 6: Linear regression results for Involvement versus length of residence in Avondale

It is possible to assess whether there were relationships between the different measures of wellbeing and local connection, and this was done using correlation (Table 11). A number of statistically significant relationships were evident, especially between the Belonging, Environment, Information and Involvement indices.

Table 11: Correlations between the different measures of Wellbeing, Environment, Belonging, Information and Involvement. (* denotes a statistically significant correlation at the p=0.05 level).

	Wellbeing	Belonging	Environment	Information
Belonging	0.16*			
Environment	0.22*	0.28*		
Information	0.16*	0.24*	0.30*	
Involvement	0.01	0.34*	0.19*	0.28*

Loss of Resources

A number of local resources have been lost throughout Avondale as a result of the earthquakes. Table 12 summarises how survey respondents felt about the loss of four resources: shops, bars, Queen Elizabeth Park (QEII) and the river path. Participants were asked to rate how they felt the loss of each resource has affected their lives from the following five options: positively affected, no impact, slightly negatively affected, strongly negatively affected, and don't know.

Table 12: Residents' perceptions regarding the loss of local resources

Resource	Positive (%)	No impact (%)	Slightly Negative (%)	Strongly Negative (%)	Don't know (%)
Avon walkway	17.1	13.2	20.2	46.3	3.1
QEII	16.5	17.6	23.1	41.6	1.2
Shops	13.0	28.7	37.4	19.3	1.6
Avondale bar	7.9	63.5	16.3	11.5	0.8

The loss of the walking path along the river bank had the largest negative impact on residents, with 46% reporting they were strongly negatively affected and 20% slightly negatively affected by its loss. Of similar significance, 42% of surveyed residents were strongly negatively affected by the loss of QEII and 23% slightly negatively impacted. Just over half of respondents (56%) felt they had been negatively affected by the loss of the Avondale shops and most respondents were not impacted by the loss of the bar. There was no significant difference between the views of males and females in terms of their evaluations of the impact of the loss of these local resources.

Chi-squared tests were used to look for significant relationships between a person's age and how they felt about the loss of the river path, QEII and shops (Tables 13-15). All results returned p-values of less than 0.05, indicating that there were significant relationships between age and reported levels of loss for all of the assets tested. The most significant relationships were found to be between age and the loss of Avon Path and QEII. In both of these cases, those in the 30- 39, 40- 49 and 50- 59 age groups experienced the highest levels of loss, while the oldest and youngest groups more readily indicated that they had no impact. These findings suggest that while the loss of recreational assets has had some impact on the whole community, it is those who were most likely to have children that felt most negatively affected. Across all age groups, those 'positively impacted' by the loss of these resources were always in a minority compared to those who felt the loss had negatively affected them.

Table 13: Cross tabulation of the Impact of Loss of Avon Path with Age (P value shows level of Chi-Squared statistical significance). Note: % is percent of each age group

Age	No Impact (%)	Positive Impact (%)	Slightly Negative (%)	Strongly Negative (%)
20-29	18.2	6.1	40.9	34.8
30-39	5.9	5.9	22.8	65.4
40-49	5.3	15.2	20.5	58.9
50-59	12.4	17.3	14.1	56.2
60-69	28.5	17.9	15.2	38.4
70+	25.4	27.0	22.1	25.4
P value: 0.0009				

Table 14: Cross tabulation of impact of loss of QEII and Age (P value shows level of Chi-Squared statistical significance). Note: % is percent of each age group

Age	No Impact (%)	Positive Impact (%)	Slightly Negative (%)	Strongly Negative (%)
20-29	17.9	6.0	23.9	52.2
30-39	5.8	5.8	19.7	68.6
40-49	0.0	17.8	23.0	59.2
50-59	17.1	15.5	23.5	43.8
60-69	25.7	28.3	17.8	28.3
70+	36.0	18.0	28.0	18.0
P value: 0.00002				

Table 15: Cross tabulation of impact of loss of Avondale Shops and Age (P value shows level of Chi-Squared statistical significance). Note: % is percent of each age group

Age	No Impact (%)	Positive Impact (%)	Slightly Negative (%)	Strongly Negative (%)
20-29	41.2	0.0	47.1	11.8
30-39	25.9	2.9	48.2	23.0
40-49	26.5	7.9	49.7	15.9
50-59	24.9	9.5	34.4	31.2
60-69	30.5	23.4	33.1	13.0
70+	36.7	23.2	26.6	13.5
P value: 0.01				

Activities in and out of Avondale

Respondents were asked about the activities in which they and others in their household regularly took part. 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 Avondale (Table 16). There was also the option of providing more details on exactly where activities were located.

Participation in reported activities ranged from 1% (for a number of activities) through to 13% (for primary school and golf). For facilities located within Avondale, the highest level of use was for the Intermediate School. Overall rates of use of facilities in Avondale are low which reflects the lack of facilities that remain following the 2010/11 earthquakes.

Table 16: Activities engaged in by Avondale respondents, in and out of the Avondale area.

	Number taking part in activity	% of all Respondents	Number inside Avondale	Inside Avondale (% taking part)	Number outside Avondale	Outside Avondale (% taking part)
Pre-school care (e.g. Playcentre, Kindy)	28	12	18	64	13	46
Playgroup, children's music or gym group etc.	14	6	1	7	14	100
Primary school	30	13	15	50	22	73
Intermediate School	21	9	19	90	5	24
After school care	5	2	3	60	3	60
Children's holiday programmes	5	2	1	20	3	60
Religious/spiritual group (e.g. church, mosque)	27	11	2	7	20	74
Walking group	21	9	7	33	13	62
Petanque	3	1	3	100	1	33
Golf (sporting adult)	30	13	14	47	13	43
Scouting	6	2	1	17	5	83
Guides	2	1	0	0	2	100
Boys/Girls Brigade	2	1	1	50	2	100
Issues-based group (e.g. environmental group)	6	2	1	17	3	50
Volunteering	16	6	4	25	15	94

Note: some respondents took part in activities inside and outside of Avondale while some people did not respond about location of activity. Thus percentages may not add to 100.

Enhancements to Avondale

Section 4 of the survey asked respondents to indicate what might be added to Avondale 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 163 responses to this question, representing 62% of the 262 overall survey respondents. Some of the most commonly mentioned terms are presented (Table 17). One of the main desires of residents was for a new sporting/swimming facility such as that of the QEII, which was specifically mentioned 21 times. A large number of people wanted the Avon River to be better utilised, and suggested activities such as rowing, walking and biking. The river was specifically mentioned by nearly 40% of survey respondents. Residents were also reasonably concerned about the state of the environment in Avondale at present; suggestions such as mowing the lawns of empty sections, better rubbish collection systems, more parks and gardens, and the removal of red zone houses were common. Many residents expressed disbelief that three years after the 2010/2011 earthquakes, they were still waiting for roads and walkways to be repaired in their neighbourhood.

Table 17: Resources that respondents feel could be added or enhanced in Avondale

Category	Term	Number of comments	% of those who commented (n=163)
Recreation	Sports Grounds	27	16.6
	Tennis	17	10.4
	Bowls	19	11.7
	Rowing	13	8.0
	QEII/QE2	21	12.9
Education	Intermediate	12	7.4
	Preschool	14	8.6
Infrastructure	Houses	21	12.9
	Footpaths/Paths	51	31.3
	Roads	15	9.2
	Bridge	26	16.0
Shops	Dairy	14	8.6
	Cafe	8	4.9
Landscape	Parks	12	7.4
	River	63	38.7
	Sections	6	3.7

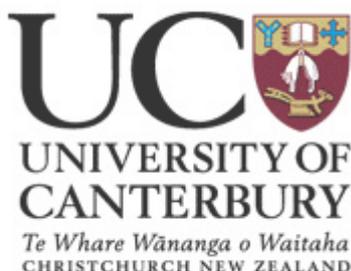
Local Assets

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 Avondale. They 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.

The final data can be viewed at:

http://www.geog.canterbury.ac.nz/community/110/2014/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 some of the features 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. These limitations notwithstanding, the online map gives an indication of *what* surveyed residents perceive as local assets, and *where* they perceive these assets to be located.



AVONDALE NEIGHBOURHOOD ASSETS SURVEY

The Avondale Residents Association would like to understand more about what it is like to live in Avondale 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: Wellbeing and local connections.** Asks about your experience of living in Avondale.
- 3: Your regular activities.** Seeks to understand your regular activities and where they occur.
- 4: What might enhance Avondale as a neighbourhood?** This section asks about the assets and facilities that might be added to Avondale, 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 Avondale 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 on Sunday 23rd March between 4 and 6pm, or as indicated in the box to the right. If you will not be in then, leave in your mail box. Alternatively you may leave at 34 Orrick Crescent or 5 De Courcy Place by Wednesday March 26th.

We will collect this survey on:

What will happen to the information I provide?

The information from the survey will be used to inform decisions made by organisations in Avondale. In addition, an online Map will be created that identifies the key assets of Avondale 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 Avondale Residents Association, 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 completed last year. 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).

Supplementary page

A final supplementary page from the Avondale Residents Association offers you the opportunity to be better connected with local groups and activities. The Avondale Residents Association 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 Avondale Residents Association 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 Tel 364 2987 extn 3629



Prof Simon Kingham

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03 364 2893



Chris Cole

Chair, Avondale Residents Association

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03 323 9805

Appendix B:

AVONDALE NEIGHBOURHOOD ASSETS SURVEY

Undertaken in partnership with the Avondale Residents Association

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 section asks for 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 Avondale? _____ years and _____ months
3. Are you? Male Female
4. Which age group do you fall into?
 15-19 20-29 30-39 40-49 50-59 60-69 70+
5. Which of the following ethnic groups do you belong to? Please tick **as many options as apply**.
[] European
[] Māori
[] Pacific Peoples
[] Asian
[] Middle Eastern/Latin American/African
[] Other (please specify): _____
6. What is your current employment situation? Please tick **one option only**.
[] Employed full-time
[] Employed part-time
[] Unemployed (not in paid employment but seeking employment)
[] Working as a parent/unpaid caregiver
[] Retired
[] Other (please specify): _____
7. Are you a member of the Avondale Residents Association? Yes No
8. Please describe the current situation of the house you live in (tick one response for each of a, b & c)
a) the house is: [] owned by me/ my family [] rented [] other (please explain)
b) the house is: [] on TC2 land [] on TC3 land
c) the house is: [] a confirmed Rebuild [] a confirmed Repair [] its repair/rebuilt status has not yet been confirmed

9. Is the house you live in a Rebuild on the flood plain on TC3 land? Yes No

If YES, what do you think about the proposed new floor levels? Are you aware of the new flooring heights?

10. If you have/had/will have a primary school age child in 2017, when Avondale Primary closes, how happy would you be sending your child to the new Aranui school?

Very happy Happy Neutral Unhappy Very unhappy Don't know Not applicable

Please add any comments about how happy/unhappy you would feel sending a child to the new Aranui school.

What could be done to increase your happiness about sending a child to the new Aranui school?

11. How has the announced closure of Avondale School in 2017 affected your likelihood of staying in Avondale?

More likely to stay in Avondale No difference Less likely to stay in Avondale

12. Where do you think you will be living in 5 years?

In Avondale Elsewhere in Christchurch Outside Christchurch, but in New Zealand Overseas

SECTION 2: WELLBEING AND LOCAL CONNECTIONS

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

13. 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	[]	[]	[]	[]	[]	[]

Please add any comments about your general wellbeing at present

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

Belonging	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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I regularly stop and talk with people in my neighbourhood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I feel like I belong to this neighbourhood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I know the names of a lot of people in my neighbourhood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am very attached to the local environment and landscape	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please add any comments about your belonging in your community

Environment	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Don't know
Avondale is a safe neighbourhood to live in.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The buildings in the neighbourhood are well maintained.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The neighbourhood is kept clean	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
There are enough parks in the neighbourhood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
There are public places in the neighbourhood where local people can get together	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please add any comments about the environment in your community

Information	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Don't know
I know when important neighbourhood events take place	[]	[]	[]	[]	[]	[]
I know how to gather information relevant to neighbourhood issues	[]	[]	[]	[]	[]	[]
I feel I am well informed about things happening in the local area	[]	[]	[]	[]	[]	[]

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

Involvement	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Don't know
I am motivated to be involved in my neighbourhood	[]	[]	[]	[]	[]	[]
I usually want to get involved in local decision making in my neighbourhood	[]	[]	[]	[]	[]	[]
I am involved in my neighbourhood	[]	[]	[]	[]	[]	[]
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

15. For each of the local resources below, please tick the option that best describes how seriously the loss of each has affected your life?

Local Resources	Strongly negatively affected me	Slightly negatively affected me	No impact at all	Positively affected me	Don't know
The shops in Avondale	[]	[]	[]	[]	[]
The bar in Avondale	[]	[]	[]	[]	[]
QEII sports complex	[]	[]	[]	[]	[]
The walkway/cycleway along the bank of the Avon	[]	[]	[]	[]	[]

Please add any comments about the loss of Local Resources in your neighbourhood

SECTION 3. YOUR REGULAR ACTIVITIES (please add or delete as you feel necessary). Here we want to understand the activities you and others in your household regularly take part in, both within and outside of Avondale. 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 (v) if Yes (otherwise leave blank)	In Avondale – please state where (name the place or street)	Outside Avondale – please state where (suburb/ area it is in)	Comments
Pre-school care (e.g. Playcentre, Kindy)				
Playgroup, children’s music or gym group etc.				
Primary school				
Intermediate School				
After school care				
Children’s holiday programmes				
Religious/spiritual group (e.g. church, mosque)				
Walking group				
Petanque				
Golf (sporting adult)				
Scouting				
Guides				
Boys/Girls Brigade				
Issues-based group e.g. environmental group. Please state type of group in Comments				
Volunteering 1: note details under Comments				
Volunteering 2: note details under Comments				

SECTION 4: WHAT MIGHT ENHANCE AVONDALE AS A NEIGHBOURHOOD?

This section asks you to identify assets and facilities that could be added to Avondale, 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.

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 Avondale are. We particularly want to find out about things that are not widely known.

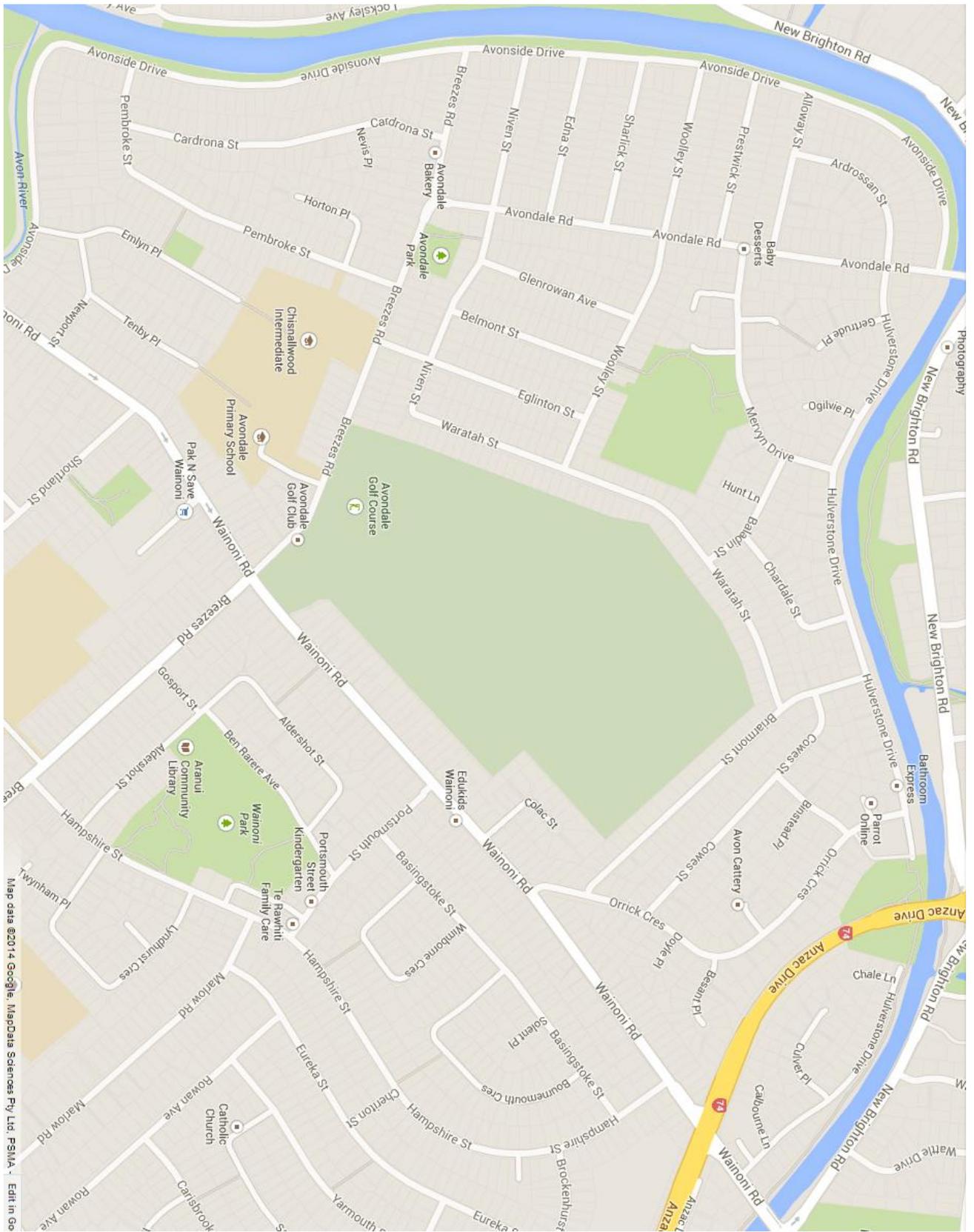
In the table below please list neighbourhood features that **you or others in your household** like, appreciate or value and add some comment about them. This information will be incorporated into an online map (like Google Maps) for you to access after the project has been completed.

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 facilities: e.g. health/medical clinics, physiotherapists, religious or spiritual groups.
- Aspects of the physical, built and natural environment: e.g. buildings, parks, bodies of water
- Outdoor recreation features and activities: e.g. forest, beach, footpaths, cycle tracks, parks, playgrounds, good neighbourhood events, sports clubs, other open spaces.
- Places that offer food and drink: e.g. cafes, pubs, restaurants, takeaways.

Number on map	Feature	Comment – specifically tell us why you like this feature, and/or what is special about it.
<i>Example</i>	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		

Thank you for completing this survey. This survey will now be collected at a time arranged by the student who distributed it. If this is not possible, please leave the survey at **34 Orrick Crescent** or **5 De Courcy Place** by **Wednesday March 26th**.



Map source: Google Maps 2014

This map relates to Section 5 on the previous page (page 8)

Mark a number on the map that corresponds to the Table on the previous page (page 8). On 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 available for you to access.

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A Personal Request from the Avondale Residents Association

The Avondale Residents Association would like to give you the opportunity to be better connected into local groups and activities. If you would like to receive more local information, please indicate below what you would like to be contacted about:

- I would like to be informed about the results of this survey
- I would like to be told about the local asset information when it is available on an online map
- I would like to be added to the Residents Association database and receive information from them

Name: _____

Email address (or, if no email, contact phone number) _____

The Avondale Residents Association also wants to improve local resilience in case of a future emergency. To help achieve this, they would like to know what needs, and/or skills and assets you/your household have that you would be willing to offer or make freely available to the local neighbourhood in an emergency such as another earthquake (e.g. you have a 4WD vehicle, or access to a generator). **This information will be stored securely by the Avondale Residents Association and will only be used in the event of an emergency. This information will not be used or stored by staff or students at the University of Canterbury.**

- I would need power in case of an emergency (e.g. for medical support such as dialysis)

Skills	My name	My contact details
EXAMPLE: I have some building skills e.g. can remove chimneys	Jo Smith	021 123 4567
EXAMPLE: I am a trained nurse	Nic Bloggs	027 234 5678