

LAKE OKAREKA COMMUNITY SURVEY 2016

SUMMARY REPORT

PREPARED FOR
LAKE OKAREKA COMMUNITY ASSOCIATION

BY
APR CONSULTANTS

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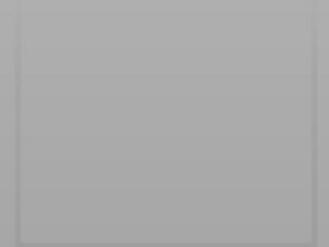


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1.0 INTRODUCTION

In 2016, Lake Okareka Community Association contacted APR Consultants Ltd (APR) to enquire about undertaking a survey programme to gauge the opinions of Lake Okareka residents regarding current issues before the committee.

At the January 2016 AGM of the Lake Okareka Community Association (LOCA), a resolution was passed that a ten-year plan should be developed by LOCA. In order to undertake this, it was decided that the views of Lake Okareka residents needed to be taken into consideration.

APR was commissioned to develop and administer this survey programme on an anonymous basis. The analysis and reporting of the survey results was also undertaken by APR.

This survey was issued to the Lake Okareka community in mid-October 2016 and sampling finished in early November 2016. The results of the survey were to be available at the 2017 AGM of LOCA.

2.0 METHODOLOGY

APR worked with LOCA to develop the survey protocols, the survey form and survey questions. It was decided that the survey would be open to all Lake Okareka residents, and that multiple surveys could be received from each household if required. It was decided that physical copies of the survey would be required along with an internet based web survey.

LOCA provided APR with a list of questions that they wanted covered in the research. APR used this to create a draft questionnaire. The questions were checked and refined by LOCA to ensure the survey met LOCA requirements. Once the paper version of the survey was agreed upon, an electronic version of the survey was produced.

LOCA provided APR with a database of householders that was used solely for the distribution of surveys. This consisted of a mixture of email addresses and postal addresses.

All households with email addresses were sent an email inviting the residents and holiday home owners to undertake a survey with an electronic link to the survey. All households without email addresses were sent a printed copy via snail mail. All physical survey forms contained a Freepost Authority and could be folded and posted in any mail box for return to APR.

Any email bounce backs were checked, and subsequently, a printed copy was sent to them.

Physical copies of the survey form were kept at the Lake Okareka Preschool. Posters were placed in the township advertising the survey and explaining how to get a copy.

A total of 277 surveys were distributed to the Lake Okareka community. Out of these, 227 surveys were received from at least 147 different Lake Okareka households. The results of these surveys are reported upon in this report.

3.0 SURVEY RESULTS

A total of 227 surveys were received from Lake Okareka residents. These were made up from 147 unique households along with 24 surveys who did not specify their residential address. A further 56 surveys were from other members of households (ie, were not unique).

	Number	Percent
Unique household survey	147	64.8%
Household address not specified	24	10.6%
Multiple surveys from one household	56	24.7%
Total	227	100.0%

Most respondents owned a house at Lake Okareka (84.6%) followed by having a family interest in a property at Lake Okareka that they regularly stayed at (10.6%).

	Number	Percent
I own a house at Lake Okareka	192	84.6%
I rent a house or flat or board at Lake Okareka	3	1.3%
I have a family interest in a property at Lake Okareka that I regularly stay at	24	10.6%
Other	8	3.5%
Not specified	0	0.0%
Total	227	100.0%

The survey received a relatively even mix of responses, with 51.7% of respondents identifying their gender as male and 48.3% as female. A total of 7.0% of respondents did not specify their gender.

	Number	Percent	% ex non spec
Male	109	48.0%	51.7%
Female	102	44.9%	48.3%
Not specified	16	7.0%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with non specified responses removed

Responses were received from a range of age groups. From the 92.5% of the sample who specified their age, the largest grouping (68.1%) were aged between 35 and 64. A further 23.8% were aged 65 and over and 8.1% were aged under 35.

	Number	Percent	% ex non spec
15 to 24	7	3.1%	3.3%
25 to 34	10	4.4%	4.8%
35 to 44	30	13.2%	14.3%
45 to 54	63	27.8%	30.0%
55 to 64	50	22.0%	23.8%
65 to 74	39	17.2%	18.6%
75 +	11	4.8%	5.2%
Refused	6	2.6%	
Not specified	11	4.8%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with non specified responses removed

3.1 Survey Summary

Most questions asked used a five point Likert scale or yes/no responses to questions. These were used to create an index showing support vs non-support for the question being commented upon.

In order to make recommendations, all questions were converted to an index. The benefit of an index is that it allows questions to be directly compared to each other and also allows for comparisons to be made with any future occurrences of this survey.

To create an index, percentages were calculated from respondents whom had supplied an answer (giving a total of 100%). The negative percentage rating(s) were subtracted from the positive ratings. The neutral percentage is not used in the calculation, but is still reflected in the index as it contributed to the 100% total. The result of this calculation is shown as the index. An index can have a maximum score of 100 (indicating maximum satisfaction) and a minimum score of -100 (indicating maximum dissatisfaction). A score of 0 is the middle point and indicates an even mix of positive and negative experiences (or a neutral rating).

The table below shows all the questions that could be converted to an index sorted by that index. Questions at the top of the table are the ones that are most supported by survey respondents. Those at the bottom are the ones that are opposed or not supported.

The top five supported questions are to do with lake quality improvement and environmental issues (index of 95.0), having a pest free environment (87.4) protection of lake shore habitat (76.1), undergrounding of power lines (72.8) and introduction of access bike and walking track up to Tarawera Road (61.3).

The least liked element affecting respondents was freedom camping (index of -39.7), followed by the expansion of DoC camp ground (-20.3) and support for proposed water ski slalom course for the Silver Beach area (-14.0).

Indicator/question	Question	Index	Summary
Lake water quality improvement and environmental issues	1	95.0	Support
Pest free environment	7	87.4	Support
Protection of lake shore habitat	5	76.1	Support
Undergrounding power lines	25	72.8	Support
Access bike and walking track up to Tarawera Road	21	61.3	Support
LOCA creating and improving community amenities	16	58.1	Support
Control of erosion around parts of lake edge	3	56.6	Support
Street lighting	27	51.4	Satisfaction
Support for one day events using lakes and trails	37	50.2	Yes
LOCA creating and improving public amenities	17	46.8	Support
LOCA and Landcare Okareka completing walking track around Lake Okareka (#)	19	46.4	Support
Support for existing water ski access lanes	45	44.8	Support
Support for road closures so events can be held safely	39	39.5	Yes
Speed of traffic coming into Lake Okareka reduced to 70kph	14	34.9	Support
Overnight camping continuing at Boyes Beach	35	23.8	Yes
Speed of traffic through Lake Okareka	11	16.5	Yes
Increase in number of footpaths	23	8.2	Support
Increased visitor use of beaches, reserves, walkways and the DoC Camp Ground	29	-3.7	Concerned
Increasing traffic volumes to Lake Okareka	9	-6.5	Concerned
Support for proposed water ski slalom course for the Silver Beach area	46	-14.0	Opposed
Expansion of DoC camp ground	33	-20.3	Opposed
Freedom camping	31	-39.7	Concerned

Note (#): This excludes the residential area. From DOC camp ground to the outlet.

3.2 Lake water quality improvement and environmental issues

Respondents were asked if they approved of LOCA encouraging water quality improvements.

	Number	Percent	% ex non spec
Strongly support	155	68.3%	69.8%
Support	58	25.6%	26.1%
Neutral	7	3.1%	3.2%
Opposed	1	0.4%	0.5%
Strongly opposed	1	0.4%	0.5%
NA/Don't know	5	2.2%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with NA, don't know and non specified responses removed

Most respondents (95.9%) indicated that they strongly support (69.8%) or support (26.1%) LOCA encouraging lake water quality improvements and environmental issues. A further 3.2% were neutral. Less than 1% (0.9%) were opposed (0.5%) or strongly opposed (0.5%).

Converting the Likert scale to an index, this question gave an index of 95.0, indicating that nearly all of Lake Okareka residents support LOCA encouraging water quality improvements. This was the highest index in this survey programme, indicating the most community support.

Respondents were next asked about what measures should be approved. Respondents could identify multiple measures. The table below looks at these measures and compares them to the total sample size. The most identified measure was weed harvesting (71.4% of the total sample), followed by land use change (61.7%) and poisoning of aquatic weeds (52.4%). Only four respondents (1.8% of the total sample) indicated that no measures should be approved.

	Number	Percent
Land use change	140	61.7%
Poisoning of aquatic weeds	119	52.4%
Weed harvesting	162	71.4%
Other	34	15.0%
None	4	1.8%
Sample	227	

Note: Not additive as respondents could identify multiple measures

3.3 Control of erosion around parts of lake edge

Respondents were asked what level of support they had for LOCA being involved with control of erosion around parts of the lake edge.

	Number	Percent	% ex non spec
Strongly support	72	31.7%	32.9%
Support	73	32.2%	33.3%
Neutral	53	23.3%	24.2%
Opposed	15	6.6%	6.8%
Strongly opposed	6	2.6%	2.7%
NA/Don't know	8	3.5%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with NA, don't know and non specified responses removed

Most respondents (66.2%) indicated that they strongly support (32.9%) or support (33.3%) LOCA being involved with control of erosion around parts of the lake edge. A further 24.2% were neutral. Less than 10% (9.6%) were opposed (6.8%) or strongly opposed (2.7%).

Converting the Likert scale to an index, this question gave an index of 56.6, indicating that the majority of Lake Okareka residents support LOCA being involved with control of erosion around parts of the lake edge.

Respondents were asked the reasons for their views. These comments were analysed by APR and grouped into categories. A count of the number of comments coded into these categories allows an analysis to occur on what issues were most pronounced to the Lake Okareka community. Comments could be coded into multiple categories, but each comment could only have that category listed once. Technically, the highest possible category would be 227 or 100%. The table below is an abbreviated table, only showing categories that were identified by at least 5% of respondents.

	Number	Percent
Comments in agreement	39	17.2%
Not something LOCA needs to be involved with	17	7.5%
Can't think of any erosion/not a big problem	14	6.2%
Positive comments about LOCA	13	5.7%
Depends on what is proposed/more info needed	12	5.3%
Sample	227	

Note: Not additive as respondents comments could be coded to multiple categories

Most comments were related to comments in agreement with LOCA being involved (17.2% of the total sample), followed by this not being something that LOCA needs to be involved with (7.5%), erosion not being a big problem (6.2%), positive comments about LOCA (5.7%) and depending on what is proposed/more info needed (5.3%).

3.4 Protection of lake shore habitat

Respondents were asked what level of support they had for LOCA being involved with the protection of lake shore habitat (eg, Raupo or other breeding grounds for birds, fish etc.).

	Number	Percent	% ex non spec
Strongly support	103	45.4%	46.4%
Support	77	33.9%	34.7%
Neutral	31	13.7%	14.0%
Opposed	7	3.1%	3.2%
Strongly opposed	4	1.8%	1.8%
NA/Don't know	5	2.2%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with NA, don't know and non specified responses removed

Most respondents (81.1%) indicated that they strongly support (46.4%) or support (34.7%) LOCA being involved with protection of lake shore habitat. A further 14.0% were neutral. On the negative side, 5.0% of respondents were opposed (3.2%) or strongly opposed (1.8%).

Converting the Likert scale to an index, this question gave an index of 76.1, indicating that the overall majority of Lake Okareka residents support LOCA being involved with protection of lake shore habitat. This was the third highest index rating in the survey programme.

Respondents were asked the reasons for their views. These comments were analysed by APR and grouped into categories. A count of the number of comments coded into these categories allows an analysis to occur on what issues were most pronounced to the Lake Okareka community. Comments could be coded into multiple categories, but each comment could only have that category listed once. Technically, the highest possible category would be 227 or 100%. The table below is an abbreviated table, only showing categories that were identified by at least 5% of respondents.

	Number	Percent
Comments in agreement	33	14.5%
Need to protect native birds, fish and insects	26	11.5%
Advocacy/creating awareness of issues/education/local knowledge	15	6.6%
Protection vs amenity	14	6.2%
In conjunction with other groups	13	5.7%
Not something LOCA needs to be involved with	12	5.3%
Sample	227	

Note: Not additive as respondents comments could be coded to multiple categories

The highest groupings of comments were related to comments in agreement with LOCA being involved (14.5% of the total sample), followed by the need to protect native birds, fish and insects (11.5%), advocacy/creating awareness of issues/education/local knowledge (6.6%), protection vs amenity (6.2%), working in conjunction with other groups (5.7%) and not something LOCA needs to be involved with (5.3%).

3.5 Pest free environment

Respondents were asked if they considered it a priority to make Lake Okareka predator free (ie, rats, mustelids, hedgehogs, feral cats, possums, Canada Geese and wallabies) through trapping, culling and poison.

	Number	Percent	% ex non spec
Strongly support	130	57.3%	58.3%
Support	71	31.3%	31.8%
Neutral	16	7.0%	7.2%
Opposed	3	1.3%	1.3%
Strongly opposed	3	1.3%	1.3%
NA/Don't know	4	1.8%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with NA, don't know and non specified responses removed

Most respondents (90.1%) indicated that they strongly support (58.3%) or support (31.8%) LOCA being involved with making Lake Okareka predator free. A further 7.2% were neutral. On the opposite scale, 2.7% of respondents were opposed (1.3%) or strongly opposed (1.3%).

Converting the Likert scale to an index, this question gave an index of 87.4, indicating that the overall majority of Lake Okareka residents think it should be a priority make Lake Okareka predator free through trapping, culling and poison. This received the second highest index of the survey programme.

Respondents were asked the reasons for their views. These comments were analysed by APR and grouped into categories. A count of the number of comments coded into these categories allows an analysis to occur on what issues were most pronounced to the Lake Okareka community. Comments could be coded into multiple categories, but each comment could only have that category listed once. Technically, the highest possible category would be 227 or 100%.

The table below is an abbreviated table, only showing categories that were identified by at least 5% of respondents.

	Number	Percent
Comments in agreement	58	25.6%
Suggested target species to control	30	13.2%
Need to protect native birds, fish and insects	27	11.9%
Positive comments about current pest control work	15	6.6%
Don't use poison - use trapping or shooting instead	12	5.3%
Sample	227	

Note: Not additive as respondents comments could be coded to multiple categories

The most common grouping of comments were related to comments in agreement of pest free operations (25.6% of the total sample), followed by suggested target species to control (13.2%), needing to protect native birds, fish and insects (11.9%), positive comments about current pest control work (6.6%) and residents not wanting poison used (5.3%).

3.6 Roads, lake and other community amenities

3.6.1 Traffic volumes coming into Lake Okareka

Respondents were asked if they were concerned about the increasing volume of traffic coming into Lake Okareka.

	Number	Percent	% ex non spec
Very unconcerned	23	10.1%	10.6%
Unconcerned	44	19.4%	20.3%
Neutral	69	30.4%	31.8%
Concerned	54	23.8%	24.9%
Very concerned	27	11.9%	12.4%
NA/Don't know	10	4.4%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with NA, don't know and non specified responses removed

There was divided opinion amongst the community to this question. The largest grouping was from those who were concerned or very concerned (37.3%) with 24.9% being concerned and 12.4% being very concerned. A further 31.8% were neutral. On the opposite scale, 30.9% of respondents were unconcerned or very unconcerned with 20.3% being unconcerned and 10.6% being very unconcerned.

Converting the Likert scale to an index, this question gave an index of -6.5, indicating that a slight majority of Lake Okareka residents are concerned about the increasing volume of traffic coming into Lake Okareka. Indexes between the range of 10 to -10 indicate an even mix of views. In this instance the index shows that there is mixed concern, with a slight majority of respondents being more concerned than unconcerned.

Respondents were asked the reasons for their views. These comments were analysed by APR and grouped into categories. A count of the number of comments coded into these categories allows an analysis to occur on what issues were most pronounced to the Lake Okareka community. Comments could be coded into multiple categories, but each comment could only have that category listed once. Technically, the highest possible category would be 227 or 100%. The table below is an abbreviated table, only showing categories that were identified by at least 5% of respondents.

	Number	Percent
Speeds of some vehicles/bad driving	41	18.1%
Everyone has the right to visit Lake Okareka	32	14.1%
Increased traffic is inevitable	27	11.9%
Do not see an increase/not a problem now	24	10.6%
Narrow roads. Not designed for high traffic volumes or large vehicles	22	9.7%
Destroys peaceful vibe of village/traffic noise/congested	15	6.6%
Sample	227	

Note: Not additive as respondents comments could be coded to multiple categories

The highest groupings of comments were related to speeds of some vehicles/bad driving (18.1% of the total sample), followed by everyone has the right to visit Lake Okareka (14.1%), increased traffic is inevitable (11.9%), do not see a problem now (10.6%), narrow roads/not designed for high traffic volumes or large vehicles (9.7%) and destroys peaceful vibe of village/traffic noise/congested (6.6%).

3.6.2 Speed of traffic through Lake Okareka

Respondents were asked if they wanted a reduction in traffic speed through the settlement. Slightly over half (58.3%) wanted the speed of traffic through Lake Okareka while 41.7% did not want a reduction in speed.

	Number	Percent	% ex non spec
Yes	120	52.9%	58.3%
No	86	37.9%	41.7%
Not specified	21	9.3%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with non specified responses removed

Converting this question to an index gave a result of 16.5, indicating that a slight majority of Lake Okareka residents did want a reduction in the speed of traffic through Lake Okareka. Indexes between the range of 10 to -10 indicate an even mix of views. This index is slightly above this and in this instance the index shows that there were mixed responses, with a slight majority of respondents siding towards having some concern about speeds.

Respondents who wanted a reduction were asked how they would like this to occur. Of these, the most popular method was enforcement of current speed limits (75.0% of the sample who support slower speeds through Lake Okareka). This was followed by installation of speed bumps (29.2%) and installation of chicanes (27.5%).

	Number	Percent
Enforcement of current speed limit	90	75.0%
Installation of speed bumps	35	29.2%
Installation of chicanes	33	27.5%
Other	28	23.3%
Sample	120	

Note: Not additive as respondents could identify multiple measures

3.6.3 Speed of traffic coming into Lake Okareka

Respondents were asked if they support reduction of speed limits to 70kph on roads coming into the settlement (eg, Loop Road (both ends) and Millar Road).

	Number	Percent	% ex non spec
Strongly support	56	24.7%	25.7%
Support	72	31.7%	33.0%
Neutral	38	16.7%	17.4%
Opposed	38	16.7%	17.4%
Strongly opposed	14	6.2%	6.4%
NA/Don't know	9	4.0%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with NA, don't know and non specified responses removed

Most respondents (58.7%) indicated that they strongly support (25.7%) or support (33.0%) a reduction of speed limits to 70kph on roads coming into Lake Okareka. A further 17.4% were neutral. On the opposed side, 23.9% of respondents were opposed (17.4%) or strongly opposed (6.4%).

Converting the Likert scale to an index, this question gave an index of 34.9, indicating that a majority of Lake Okareka residents are concerned about the speed of traffic coming into Lake Okareka and would like to see a reduction of speed limited to 70kph on roads coming into the settlement.

Respondents were asked the reasons for their views. These comments were analysed by APR and grouped into categories. A count of the number of comments coded into these categories allows an analysis to occur on what issues were most pronounced to the Lake Okareka community. Comments could be coded into multiple categories, but each comment could only have that category listed once. Technically, the highest possible category would be 227 or 100%. The table below is an abbreviated table, only showing categories that were identified by at least 5% of respondents.

	Number	Percent
Leave as is - no problem/wouldn't work	26	11.5%
Roads not suitable for high speeds	24	10.6%
Safer for pedestrians/cyclists/runners/animals	24	10.6%
Going from 100km to 50km too sudden. Need middle step/transition	15	6.6%
Suggested road speeds	15	6.6%
Lower speeds overall	14	6.2%
Need enforcement/speed controls	13	5.7%
Sample	227	

Note: Not additive as respondents comments could be coded to multiple categories

The highest groupings of comments were related to leaving things as they are (11.5% of respondents), followed by roads not suitable for high speeds (10.6%), safer for pedestrians/cyclists/runners/animals (10.6%), need a middle step/transition (6.6%), suggested road speeds (6.6%), lower speeds overall (6.2%) and need enforcement/speed controls (5.7%).

3.6.4 Community amenities

Respondents were asked if LOCA should be involved in creating and improving community amenities (eg, tennis courts).

	Number	Percent	% ex non spec
Strongly support	42	18.5%	19.5%
Support	99	43.6%	46.0%
Neutral	58	25.6%	27.0%
Opposed	9	4.0%	4.2%
Strongly opposed	7	3.1%	3.3%
NA/Don't know	12	5.3%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with NA, don't know and non specified responses removed

Most respondents (65.6%) indicated that they strongly support (19.5%) or support (46.0%) LOCA being involved in creating or improving community amenities. A further 27.0% were neutral. On the opposed side, 7.4% of respondents were opposed (4.2%) or strongly opposed (3.3%).

Converting the Likert scale to an index, this question gave an index of 58.1%, indicating that a majority of Lake Okareka residents agreed with LOCA being involved in creating and improving community amenities.

3.6.5 Public amenities

Respondents were asked if LOCA should be involved in creating and improving public amenities (eg, walking tracks).

	Number	Percent	% ex non spec
Strongly support	65	28.6%	30.1%
Support	75	33.0%	34.7%
Neutral	37	16.3%	17.1%
Opposed	15	6.6%	6.9%
Strongly opposed	24	10.6%	11.1%
NA/Don't know	11	4.8%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with NA, don't know and non specified responses removed

Most respondents (64.8%) indicated that they strongly support (30.1%) or support (34.7%) LOCA being involved in creating or improving public amenities. A further 17.1% were neutral. On the opposed side, 18.1% of respondents were opposed (6.9%) or strongly opposed (11.1%).

Converting the Likert scale to an index, this question gave an index of 46.8, indicating that a majority of Lake Okareka residents agreed with LOCA being involved in creating and improving public amenities.

The 177 respondents who identified strongly support, support or neutral were asked which ones they supported.

	Number	Percent
Walking tracks	106	59.9%
Walkway around entire lake	25	14.1%
Boyes Beach to DoC camp walkway	8	4.5%
Allow access for dogs	4	2.3%
Boardwalk	4	2.3%
Walkway to Tarawera	3	1.7%
Facilities needed on tracks	2	1.1%
Track to Blue Lake	2	1.1%
Suitable for prams	1	0.6%
Recreational beaches/picnic and bbq areas/reserves/playgrounds	24	13.6%
Tennis court	12	6.8%
Public toilets	10	5.6%
Jetties/boat ramp	9	5.1%
Planting/bush/gardens/mowing	9	5.1%
Amenities general	8	4.5%
Comments related to LOCA and/or how they should be involved	8	4.5%
Campsite/campground	7	4.0%
Bike tracks	6	3.4%
Rubbish bins and clearing them/recycling/litter control	6	3.4%
Bird/animal habitat/pest control/conversation	4	2.3%
Dog poo bins/dog exercise areas	4	2.3%
Hall	4	2.3%
Footpaths	2	1.1%
Other	15	8.5%
Sample	177	

Note: Not additive as respondents comments could be coded to multiple categories

Note: All subsets of walking tracks have been coded as walking tracks as well as the subsequent category

The most identified public amenities were walking tracks. They were identified by 59.9% of the 177 respondents. APR separated the comments further when respondents identified the type of walkway they wanted. The most wanted was a walkway around the entire lake (14.1% of those who support LOCA involvement) and Boyes Beach to DoC camp walkway (4.5%).

3.6.6 Walking track around Lake Okareka

Respondents were asked if they support LOCA and Landcare Okareka completing the walking track around Lake Okareka (excluding the residential area) from DOC camp ground to the outlet.

	Number	Percent	% ex non spec
Strongly support	87	38.3%	39.5%
Support	62	27.3%	28.2%
Neutral	24	10.6%	10.9%
Opposed	13	5.7%	5.9%
Strongly opposed	34	15.0%	15.5%
NA/Don't know	7	3.1%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with NA, don't know and non specified responses removed

Most respondents (67.7%) indicated that they strongly support (39.5%) or support (28.2%) the completion of the walkway. A further 10.9% were neutral. On the opposed side, 21.4% of respondents were opposed (5.9%) or strongly opposed (15.5%).

Converting the Likert scale to an index, this question gave an index of 46.4, indicating that a majority of Lake Okareka residents are happy for LOCA and Landcare Okareka to complete the walkway around Lake Okareka.

Respondents were asked the reasons for their views. These comments were analysed by APR and grouped into categories. A count of the number of comments coded into these categories allows an analysis to occur on what issues were most pronounced to the Lake Okareka community. Comments could be coded into multiple categories, but each comment could only have that category listed once. Technically, the highest possible category would be 227 or 100%. The table below is an abbreviated table, only showing categories that were identified by at least 5% of respondents.

	Number	Percent
Can be enjoyed by locals and visitors/an asset to the area	45	19.8%
Encourage use of the outdoors/encourage exercise	26	11.5%
General support for completion	24	10.6%
Beautiful area	20	8.8%
Conditions of support	18	7.9%
Opposed - don't want more people destroying Okarekas atmosphere/crowding etc	17	7.5%
Thanks to LOCA and Landcare Okareka for what they have done so far	13	5.7%
Other potential users/bikes/dogs	10	4.4%
Sample	227	

Note: Not additive as respondents comments could be coded to multiple categories

The most common grouping of comments were related to being able to be enjoyed by locals and visitors/an asset to the area (19.8% of respondents), followed by encourages use of the outdoors/encourage exercise (11.5%), general support for completion (10.6%), beautiful area (8.8%), conditions for support (7.9%), opposed – don't want more people destroying Okareka's atmosphere/crowding etc. (7.5%), thanks to LOCA and Landcare Okareka for what they have done so far (5.7%) and other potential track users (bikers and dog walkers).

3.7 Access bike and walking track up to Tarawera Road

Respondents were asked if they support an access bike and walking track up to Tarawera Road, on each end of Okareka Loop Road from the settlement.

	Number	Percent	% ex non spec
Strongly support	84	37.0%	38.7%
Support	73	32.2%	33.6%
Neutral	36	15.9%	16.6%
Opposed	13	5.7%	6.0%
Strongly opposed	11	4.8%	5.1%
NA/Don't know	10	4.4%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with NA, don't know and non specified responses removed

Most respondents (72.4%) indicated that they strongly support (38.7%) or support (33.6%) a joint access bike and walking track up to Tarawera Road. A further 16.6% were neutral. On the opposed side, 11.1% of respondents were opposed (6.0%) or strongly opposed (5.1%).

Converting the Likert scale to an index, this question gave an index of 61.3, indicating that the majority of Lake Okareka residents were in support of a bike and walking track up to Tarawera Road. This was the fifth highest supported question in the survey programme.

Respondents were asked the reasons for their views. These comments were analysed by APR and grouped into categories. A count of the number of comments coded into these categories allows an analysis to occur on what issues were most pronounced to the Lake Okareka community. Comments could be coded into multiple categories, but each comment could only have that category listed once. Technically, the highest possible category would be 227 or 100%. The table below is an abbreviated table, only showing categories that were identified by at least 5% of respondents.

	Number	Percent
Takes bikes/walkers off the road/safer	80	35.2%
Positive comments	37	16.3%
Don't support/not useful	21	9.3%
Potential issues with track construction/suggested routes	17	7.5%
Encourages fitness	11	4.8%
Sample	227	

Note: Not additive as respondents comments could be coded to multiple categories

The highest groupings of comments were related to safety (35.2% of respondents), followed by positive comments about track (16.3%), not supporting the idea (9.3%), potential issues with track construction/suggested routes (7.5%), and encouraging fitness (4.8%).

3.8 Support for more footpaths

Respondents were asked if they support more footpaths in Okareka.

	Number	Percent	% ex non spec
Strongly support	38	16.7%	17.4%
Support	46	20.3%	21.0%
Neutral	69	30.4%	31.5%
Opposed	40	17.6%	18.3%
Strongly opposed	26	11.5%	11.9%
NA/Don't know	8	3.5%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with NA, don't know and non specified responses removed

There was an even mix of responses to this question. The largest grouping (38.4%) indicated that they strongly support (17.4%) or support (21.0%) more footpaths in Okareka. A further 31.5% were neutral. On the opposed side, 30.1% of respondents were opposed (18.3%) or strongly opposed (11.9%).

Converting the Likert scale to an index, this question gave an index of 8.2, indicating that a slight majority of Lake Okareka residents are in support of more footpaths. Indexes between the range of 10 to -10 indicate an even mix of support and opposition. This index is at the upper range of this and in this instance, shows that there were mixed responses, with a slight majority of respondents siding towards supporting more footpaths at Lake Okareka.

Respondents were asked the reasons for their views. These comments were analysed by APR and grouped into categories. A count of the number of comments coded into these categories allows an analysis to occur on what issues were most pronounced to the Lake Okareka community. Comments could be coded into multiple categories, but each comment could only have that category listed once. Technically, the highest possible category would be 227 or 100%. The table below is an abbreviated table, only showing categories that were identified by at least 5% of respondents.

	Number	Percent
Not an issue. Not required. Happy with current level of footpaths	41	18.1%
Good for safety	40	17.6%
Need to keep village feel - no more footpaths	36	15.9%
Locations that require footpaths	26	11.5%
Sample	227	

Note: Not additive as respondents comments could be coded to multiple categories

The most common grouping of comments related to footpaths not being necessary (18.1% of respondents), followed by footpaths being good for safety (17.6%), needing to keep village feel (not having any more footpaths) (15.9%) and locations that require footpaths (11.5%).

3.9 Undergrounding power lines

Respondents were asked if they support the concept of undergrounding power lines at Lake Okareka.

	Number	Percent	% ex non spec
Strongly support	98	43.2%	45.2%
Support	67	29.5%	30.9%
Neutral	45	19.8%	20.7%
Opposed	5	2.2%	2.3%
Strongly opposed	2	0.9%	0.9%
NA/Don't know	10	4.4%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with NA, don't know and non specified responses removed

Most respondents (76.0%) indicated that they strongly support (45.2%) or support (30.9%) undergrounding of power lines. A further 20.7% were neutral. On the opposed side, 3.2% of respondents were opposed (2.3%) or strongly opposed (0.9%).

Converting the Likert scale to an index, this question gave an index of 72.8, indicating that nearly all respondents supported undergrounding of power lines at Lake Okareka. This was the fourth highest index ranking of all questions in this survey.

Respondents were asked the reasons for their views. These comments were analysed by APR and grouped into categories. A count of the number of comments coded into these categories allows an analysis to occur on what issues were most pronounced to the Lake Okareka community. Comments could be coded into multiple categories, but each comment could only have that category listed once. Technically, the highest possible category would be 227 or 100%. The table below is an abbreviated table, only showing categories that were identified by at least 5% of respondents.

	Number	Percent
Aesthetics/better views	87	38.3%
Safer/dangerous with boat masts and fishing rods/less road clutter	29	12.8%
Cost/who pays	26	11.5%
More reliable power supply	23	10.1%
It is of a low priority	19	8.4%
Reduced tree pruning requirements	18	7.9%
General support	11	4.8%
Sample	227	

Note: Not additive as respondents comments could be coded to multiple categories

The most common grouping of comments related to aesthetics/better views (38.3% of respondents), followed by safer (12.8%), cost/who pays (11.5%), more reliable power supply (10.1%), it is of a low priority (8.4%), reduced tree pruning requirements (7.9%) and general support (4.8%).

3.10 Street lighting

Respondents were asked what level of satisfaction they have with street lighting at Lake Okareka.

	Number	Percent	% ex non spec
Very satisfied	38	16.7%	17.4%
Satisfied	103	45.4%	47.2%
Neutral	48	21.1%	22.0%
Unsatisfied	24	10.6%	11.0%
Very unsatisfied	5	2.2%	2.3%
NA/Don't know	9	4.0%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with NA, don't know and non specified responses removed

Most respondents (64.7%) indicated that they were very satisfied (17.4%) or satisfied (47.2%) with street lighting at Lake Okareka. A further 22.0% were neutral. On the negative side, 13.3% of respondents were unsatisfied (11.0%) or very unsatisfied (2.3%).

Converting the Likert scale to an index, this question gave an index of 51.4, indicating that a majority of respondents were satisfied with street lighting at Lake Okareka.

Respondents were asked the reasons for their views. These comments were analysed by APR and grouped into categories. A count of the number of comments coded into these categories allows an analysis to occur on what issues were most pronounced to the Lake Okareka community. Comments could be coded into multiple categories, but each comment could only have that category listed once. Technically, the highest possible category would be 227 or 100%. The table below is an abbreviated table, only showing categories that were identified by at least 5% of respondents.

	Number	Percent
Keep it natural/no street lighting	36	15.9%
Don't want light pollution/like seeing stars	26	11.5%
General comments in support of more street lighting	11	4.8%
Innovative lights/shades/on and off times	11	4.8%
Locations that would benefit from street lighting	11	4.8%
Sample	227	

Note: Not additive as respondents comments could be coded to multiple categories

The most common grouping of comments related to keeping it natural/no street lighting (15.9% of respondents), followed by don't want light pollution/like seeing stars (11.5%), general comments in support of more street lighting (4.8%), innovative lights/shades/on and off times (4.8%) and locations that would benefit from street lighting (4.8%).

3.11 Tourism

3.11.1 Increased visitor use of beaches, reserves, walkways and the DoC Camp Ground

Respondents were asked what level of concern they had about increasing visitor use of beaches, reserves, walkways and the DoC camp ground.

	Number	Percent	% ex non spec
Very unconcerned	24	10.6%	11.1%
Unconcerned	52	22.9%	24.0%
Neutral	57	25.1%	26.3%
Concerned	50	22.0%	23.0%
Very concerned	34	15.0%	15.7%
NA/Don't know	10	4.4%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with NA, don't know and non specified responses removed

This question received a mixed response with a slight majority being concerned. The largest grouping of comments (38.7%) indicated that they were concerned (23.0%) or very concerned (15.7%) with increasing visitor use of Lake Okareka. A further 26.3% were neutral. On the other side, 35.0% of respondents were unconcerned (24.0%) or very unconcerned (11.1%).

Converting the Likert scale to an index, this question gave an index of -3.7. Indexes between the range of 10 to -10 indicate an even mix of concern. This index is at the mid-point of this and in this instance, shows that there were mixed concerns, with an even number being concerned about increased visitor use of beaches, reserves, walkways and the DoC Campground as were unconcerned.

Respondents were asked the reasons for their views. These comments were analysed by APR and grouped into categories. A count of the number of comments coded into these categories allows an analysis to occur on what issues were most pronounced to the Lake Okareka community. Comments could be coded into multiple categories, but each comment could only have that category listed once. Technically, the highest possible category would be 227 or 100%. The table below is an abbreviated table, only showing categories that were identified by at least 5% of respondents.

	Number	Percent
Everyone has the right to enjoy Okareka	67	29.5%
Facilities are under pressure (during peak times). Needs to be managed	41	18.1%
Road and water safety concerns	17	7.5%
Concern for amount of rubbish/human waste	15	6.6%
Camping	11	4.8%
Don't want to lose village feel	11	4.8%
Sample	227	

Note: Not additive as respondents comments could be coded to multiple categories

The most common grouping of comments was related to everyone having the right to enjoy Okareka (29.5% of respondents), followed by facilities are under pressure (during peak times)/needs to be managed (18.1%), road and water safety concerns (7.5%), concern about amounts of rubbish/human waste (6.6%), camping (4.8%) and don't want to lose village feel (4.8%).

3.11.2 Freedom camping

Respondents were asked if they were concerned about "freedom camping" in the Lake Okareka area.

	Number	Percent	% ex non spec
Very unconcerned	20	8.8%	9.3%
Unconcerned	23	10.1%	10.7%
Neutral	43	18.9%	20.1%
Concerned	67	29.5%	31.3%
Very concerned	61	26.9%	28.5%
NA/Don't know	13	5.7%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with NA, don't know and non specified responses removed

The majority of responses (59.8%) indicated that they were concerned (31.3%) or very concerned (28.5%) with freedom camping at Lake Okareka. A further 20.1% were neutral. On the other side, 20.1% of respondents were unconcerned (10.7%) or very unconcerned (9.3%).

Converting the Likert scale to an index, this question gave an index of -39.7. This negative index indicated that a majority of respondents were concerned about freedom camping at Lake Okareka. This was the highest level of concern and the lowest index identified in all questions in this survey.

Respondents were asked the reasons for their views. These comments were analysed by APR and grouped into categories. A count of the number of comments coded into these categories allows an analysis to occur on what issues were most pronounced to the Lake Okareka community. Comments could be coded into multiple categories, but each comment could only have that category listed once. Technically, the highest possible category would be 227 or 100%. The table below is an abbreviated table, only showing categories that were identified by at least 5% of respondents.

	Number	Percent
Monitor and fine if they are not self-contained or pollute/rubbish/pollution	56	24.7%
Need to use proper camp ground/no freeloaders	42	18.5%
Not permitted in Lake Okareka/should not be allowed	36	15.9%
Haven't caused any problems/no problem with freedom camping	16	7.0%
Not aware of any problems	16	7.0%
Sample	227	

Note: Not additive as respondents comments could be coded to multiple categories

The most common grouping of comments was related to monitoring and fine them if they are not self-contained or pollute/rubbish/pollution (24.7% of respondents), followed by need to use proper camping ground/no freeloaders (18.5%), not permitted in Lake Okareka/should not be allowed (15.9%), haven't caused any problems/no problem with freedom camping (7.0%) and not aware of any problems (7.0%).

3.11.3 Expansion of DoC camp ground

Respondents were asked if they supported the expansion of the DoC camp ground and its day picnic area.

	Number	Percent	% ex non spec
Strongly support	8	3.5%	3.8%
Support	44	19.4%	20.8%
Neutral	65	28.6%	30.7%
Opposed	43	18.9%	20.3%
Strongly opposed	52	22.9%	24.5%
NA/Don't know	15	6.6%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with NA, don't know and non specified responses removed

Nearly half of responses (44.8%) indicated that they were opposed (20.3%) or strongly opposed (24.5%) to any expansion of the DoC camp ground and its day picnic area. A further 30.7% were neutral. On the other side, 24.5% of respondents support (20.8%) or strongly support (3.8%) expansion.

Converting the Likert scale to an index, this question gave an index of -20.3. This negative index indicated that a majority of respondents were concerned about any expansion of the DoC camp ground and its surrounds. This was the second lowest index identified in all questions in this survey.

Respondents were asked the reasons for their views. These comments were analysed by APR and grouped into categories. A count of the number of comments coded into these categories allows an analysis to occur on what issues were most pronounced to the Lake Okareka community. Comments could be coded into multiple categories, but each comment could only have that category listed once. Technically, the highest possible category would be 227 or 100%. The table below is an abbreviated table, only showing categories that were identified by at least 5% of respondents.

	Number	Percent
Is adequate as is now/don't increase size	65	28.6%
Suggested improvements to DoC camp and its day picnic area	13	5.7%
Keeps visitors in one place/reduce freedom camping	11	4.8%
Not aware of any plans to expand/need to know what is planned	11	4.8%
Other	11	4.8%
Sample	227	

Note: Not additive as respondents comments could be coded to multiple categories

The highest groupings of comments were related to the DoC campground being adequate as it is now/don't increase size (28.6% of respondents), followed by suggested improvements to DoC camp and its day picnic area (5.7%), keeps visitors in one place/reduce freedom camping (4.8%), not aware of any plans to expand/need to know what is planned (4.8%) and other comments (4.8%).

3.11.4 Overnight camping at Boyes Beach

Respondents were asked if overnight camping at Boyes Beach should be continued.

	Number	Percent	% ex non spec
Yes	130	57.3%	61.9%
No	80	35.2%	38.1%
Not specified	17	7.5%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with non specified responses removed

Of respondents who answered this question, 61.9% thought overnight camping should continue at Boyes Beach, while 38.1% thought that it should not.

Converting the responses to an index, this question gave an index of 23.8. This index indicated that a slight majority of respondents believed that overnight camping should continue at Boyes Beach.

Respondents were asked the reasons for their views. These comments were analysed by APR and grouped into categories. A count of the number of comments coded into these categories allows an analysis to occur on what issues were most pronounced to the Lake Okareka community. Comments could be coded into multiple categories, but each comment could only have that category listed once. Technically, the highest possible category would be 227 or 100%. The table below is an abbreviated table, only showing categories that were identified by at least 5% of respondents.

	Number	Percent
Don't support camping at Boyes Beach	25	11.0%
General comments in support of camping	22	9.7%
Don't support - should go to proper camping ground/DoC camp/Blue Lake	21	9.3%
Environment/litter issues/cleanliness/toilets	19	8.4%
As long as users don't behave badly/be respectful to area/security	18	7.9%
Emphasis must be on day visitors/parking/popular with day visitors	16	7.0%
Must pay or generate income/income generation for other community activities	14	6.2%
Restriction on camping/times of year camping should be allowed	9	4.0%
Sample	227	

Note: Not additive as respondents comments could be coded to multiple categories

The most common grouping of comments were related to not supporting camping at Boyes Beach (11.0% of respondents), followed by general comments in support of camping (9.7%), don't support – should go to proper camping ground (9.3%), environment/letter issues/cleanliness/toilets (8.4%), as long as users don't behave badly/be respectful to area/security (7.9%), emphasis must be on day visitors/parking/popular with day visitors (7.0%), must pay or generate income (6.2%) and restriction on camping/times of year camping should be allowed (4.0%).

3.12 Events

3.12.1 Support for one day events using lakes and trails

Respondents were asked if they support one day events using the lake and trails.

	Number	Percent	% ex non spec
Yes	160	70.5%	75.1%
No	53	23.3%	24.9%
Not specified	14	6.2%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with non specified responses removed

Out of respondents who provided an answer to this question, most (75.1%) supported one day events using the lake and trails. A further 24.9% did not support one day events using lakes and trails at Lake Okareka.

Converting the responses to an index, this question gave an index of 50.2. This index indicated that a majority of respondents supported one day events using the lake and trails.

Respondents were asked the reasons for their views. These comments were analysed by APR and grouped into categories. A count of the number of comments coded into these categories allows an analysis to occur on what issues were most pronounced to the Lake Okareka community. Comments could be coded into multiple categories, but each comment could only have that category listed once. Technically, the highest possible category would be 227 or 100%. The table below is an abbreviated table, only showing categories that were identified by at least 5% of respondents.

	Number	Percent
General comments in support	52	22.9%
Limited number of events per year	31	13.7%
Don't support/too many elsewhere/strain on environment and resources	26	11.5%
No closures of lake, reserves, trails or roads	23	10.1%
Conditions on support	13	5.7%
Prefer events were at Blue Lake	10	4.4%
Sample	227	

Note: Not additive as respondents comments could be coded to multiple categories

The most common grouping of comments was related to general comments in support of events (22.9% of respondents), followed by limiting the number of events per year (13.7%), not supporting events (11.5%), not closing lake, reserves, trails or roads (10.1%), conditions on support (5.7%) and preferring events were at Blue Lake (4.4%).

3.12.2 Support for road closures so events can be held safely

Respondents were asked if they support road closures allowing for events to be held safely.

	Number	Percent	% ex non spec
Yes	150	66.1%	69.8%
No	65	28.6%	30.2%
Not specified	12	5.3%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with non specified responses removed

Out of respondents who provided an answer to this question, most (69.8%) supported road closures so events could be held safely. A further 30.2% did not support.

Converting the responses to an index, this question gave an index of 39.5. This index indicated that a majority of respondents supported road closures allowing for events to be held safely.

Respondents were asked the reasons for their views. These comments were analysed by APR and grouped into categories. A count of the number of comments coded into these categories allows an analysis to occur on what issues were most pronounced to the Lake Okareka community. Comments could be coded into multiple categories, but each comment could only have that category listed once. Technically, the highest possible category would be 227 or 100%. The table below is an abbreviated table, only showing categories that were identified by at least 5% of respondents.

	Number	Percent
Don't support road closure/causes inconvenience to locals/lake users	29	12.8%
Supports road closure for safety and necessity purpose	28	12.3%
Should be limited by frequency and timings/avoid peak hours and weekends	23	10.1%
In favour, if provides adequate/timely communication on events and road closure	17	7.5%
There should be alternative access to and from town	16	7.0%
Don't support events happening in Okareka/use Blue Lake	14	6.2%
The negative impact is minimal	10	4.4%
Sample	227	

Note: Not additive as respondents comments could be coded to multiple categories

The most common grouping of comments were related to don't support road closure/causes inconvenience to locals/lake users (12.8% of respondents), followed by supports road closure for safety and necessity purposes (12.3%), should be limited by frequency and timings/avoid peak hours and weekends (10.1%), in favour, if provides adequate/timely communication on events and road closure (7.5%), there should be alternative access to and from town (7.0%), don't support events happening in Okareka/use Blue Lake (6.2%) and the negative impact is minimal (4.4%).

3.12.3 Support for lake closures so events can be held safely

Respondents were asked if they support partial, fully or no lake closures allowing for events to be held safely.

	Number	Percent	% ex non spec
Partial	139	61.2%	64.4%
Full	23	10.1%	10.6%
No closures	54	23.8%	25.0%
Not specified	11	4.8%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with non specified responses removed

Out of respondents who provided an answer to this question, most (64.4%) supported partial lake closures so events could be held safely. Only a small percentage supported full lake closures (10.6%) which 25.0% didn't support any closures at all.

3.13 Lake usage

Respondents were asked what type of lake usage they would prefer. Options ranged from a passive lake (limited to fishing, sailing, swimming and paddle sports etc.) to an active lake (with motorised boats, water skiing, boat skis etc.).

	Number	Percent	% ex non spec
Active lake	51	22.5%	23.4%
Mainly active, some passive	14	6.2%	6.4%
Even mix of active and passive	67	29.5%	30.7%
Mainly passive, some active	60	26.4%	27.5%
Passive lake	26	11.5%	11.9%
NA/Don't know	9	4.0%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with NA, don't know and non specified responses removed

Respondents were mixed with their views, with the majority wanting a mixed-use lake, with a slight majority favouring a passive lake. The largest grouping of respondents (30.7%) wanted an even mix of active and passive activities on the lake. This was followed by mainly passive, some active (27.5%) and an active lake (23.4%). Only 11.9% of respondents wanted a passive only lake and only 6.4% wanted a mainly active lake with some passive.

Comments were coded to the following categories:

	Number	Percent
Concerns for residents/environment/speed/safety/noise/protected wildlife	48	21.1%
Supports active lake/keeping a balance between active and passive activities	47	20.7%
Limited/ban jet skis/motor boats/waterskiing	31	13.7%
Oppose any changes towards passive lake/maintain status quo	29	12.8%
Adequate regulations and compliance required on fair/safe usage	23	10.1%
Supports passive lake/only permit safe and environmental friendly active uses	21	9.3%
Active lake is the main attraction/enjoyment for people here	18	7.9%
Supports only passive/use other lakes as active	15	6.6%
Supports more of passive/but not against active lake	8	3.5%
Other	0	0.0%
Sample	227	

Note: Not additive as respondents comments could be coded to multiple categories

The largest grouping of comments was to do with concerns for residents/environment/speed/safety/wildlife (21.1% of respondents) followed by supporting an active lake/keeping the balance between active and passive (20.7%).

3.13.1 Support for existing water ski access lanes

Respondents were asked what level of support they had for the existing water ski access lanes.

	Number	Percent	% ex non spec
Strongly support	54	23.8%	25.5%
Support	71	31.3%	33.5%
Neutral	57	25.1%	26.9%
Opposed	11	4.8%	5.2%
Strongly opposed	19	8.4%	9.0%
NA/Don't know	15	6.6%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with NA, don't know and non specified responses removed

Most respondents (59.0%) indicated that they supported (33.5%) or strongly supported (25.5%) existing water ski access lanes. A further 26.9% were neutral. On the other side, 14.2% of respondents were opposed (5.2%) or strongly opposed (9.0%) to the existing water ski lanes.

Converting the Likert scale to an index, this question gave an index of 44.8. This positive index indicated that the majority of respondents supported the existing water ski access lanes at Lake Okareka.

3.13.2 Support for proposed water ski slalom course for the Silver Beach area

Respondents were asked what level of support they had for the proposed water ski slalom course for the Silver Beach area.

	Number	Percent	% ex non spec
Strongly support	39	17.2%	18.8%
Support	31	13.7%	15.0%
Neutral	38	16.7%	18.4%
Opposed	37	16.3%	17.9%
Strongly opposed	62	27.3%	30.0%
NA/Don't know	20	8.8%	
Total	227	100.0%	100.0%

Note: % ex non spec is the percentage with NA, don't know and non specified responses removed

Nearly half of respondents (47.8%) indicated that they were opposed (17.9%) or strongly opposed (30.0%) to the ski slalom course for the Silver Beach area. A further 18.4% were neutral. On the other side, 33.8% of respondents supported (15.0%) or strongly supported (18.8%) the ski slalom course.

Converting the Likert scale to an index, this question gave an index of -14.0. This negative index indicated that a small majority of respondents did not support the proposed water ski slalom course for the Silver Beach area. This was the third lowest index of the survey questions.

APPENDIX ONE: SURVEY FORM



Lake Okareka Community Survey 2016

LAKE OKAREKA COMMUNITY SURVEY 2016

At the January 2016 AGM of the Lake Okareka Community Association (LOCA), a resolution was passed that a ten year plan should be developed by LOCA.

You may recall that contact details and email addresses were collected by LOCA earlier in the year for communication. We have now engaged APR Consultants (APR) to develop and administer this survey on an anonymous basis. The analysis of the survey results will also be undertaken by APR.

This survey has been issued to the community in mid-October and will be completed by the end of November. The results of the survey will be available at the 2017 AGM of LOCA.

Survey topics are the current issues before the Committee. Please consider each question and provide your responses to the questions wherever possible. Also please let us know if there are other topics or issues LOCA needs to be engaged in.

LOCA will endeavour to lobby in accordance with survey outcomes. In many instances this will require liaison and agreement from Te Arawa, BoPRC, DoC, RLC and/or a resource consent (eg, land use change or control of erosion).

A physical copy of the survey form will be kept at the Lake Okareka Preschool – open from 3pm to 4pm on week days which will be available from Wednesday 19th October until Tuesday 1st November 2016.

Information for respondents:

- *All information you give is confidential within the provisions of the Privacy Act and the Research Association New Zealand Code of Ethics.*
- *Your responses will be grouped with others' before being released (Lake Okareka Community Association do not have access to individual responses).*
- *Your responses will be used only for the purpose of this research.*
- *You are welcome to ring Elvis at APR Consultants during working hours on 0800 277 937. He will be happy to confirm the purpose of the research and discuss any other matters further with you.*

In order to classify your response, please answer the first two qualifying questions. This survey is intended for people aged 15 or over.

Placement in the Lake Okareka community:

a) This question is to ensure we have a good response of Lake Okareka residents:
These qualifying questions are only used to ensure that we know who in the community has completed a survey and to ensure we have good representation. The information on your address will not be passed on to LOCA or any other third party and will not be provided in any reporting.

What is your street address (residence, holiday or other house at Lake Okareka)?

Street address at Lake Okareka: _____

b) Which of the following best describes your place in the Lake Okareka community?

- O1 I own a house at Lake Okareka
- O2 I rent a house or flat or board at Lake Okareka
- O3 I have a family interest in a property at Lake Okareka that I regularly stay at
- O4 Other (specify) _____

Lake water quality improvement and environmental issues:

1. Do you approve of Lake Okareka Community Association (LOCA) encouraging water quality improvements?

Strongly support 1 Support 2 Neutral 3 Opposed 4 Strongly opposed 5 NA/Don't know 6

2. What measures should be approved? (tick all that apply (or none)).

- ₁ Land use change
- ₂ Poisoning of aquatic weeds
- ₃ Weed harvesting
- ₄ Other (specify) _____
- ₅ None

Control of erosion around parts of lake edge:

3. What level of support do you have for LOCA being involved with control of erosion around parts of the lake edge?

Strongly support 1 Support 2 Neutral 3 Opposed 4 Strongly opposed 5 NA/Don't know 6

4. Please outline any reasons for your views?

Protection of lake shore habitat:

5. What level of support do you have for LOCA being involved with protection of lake shore habitat? (eg, Raupo or other breeding grounds for birds, fish, etc.).

Strongly support 1 Support 2 Neutral 3 Opposed 4 Strongly opposed 5 NA/Don't know 6

6. Please outline any reasons for your views?

Pest free environment:

7. Do you think it should be a priority to make Lake Okareka predator free (ie, rats, mustelids, hedgehogs, feral cats, possums, Canada Geese and wallabies) through trapping, culling and poison?

Strongly support 1 Support 2 Neutral 3 Opposed 4 Strongly opposed 5 NA/Don't know 6

8. Please outline any reasons for your views?

Roads, lake and other community amenities:

9. Are you concerned about the increasing volume of traffic coming to Lake Okareka?

- Very unconcerned Unconcerned Neutral Concerned Very concerned NA/Don't know
 1 2 3 4 5 6

10. Please outline any reasons for your views?

11. Do you want a reduction in traffic speed through the settlement?

- O1 Yes (go to Q12)
 O2 No (go to Q14)

12. How would you like to see this occur? (tick all that apply)

- O1 Enforcement of current speed limit
 O2 Installation of speed bumps
 O3 Installation of chicanes
 O4 Other (specify) _____

13. Where would you like to see these installed?

Location: _____

14. Do you support reduction of speed limits to 70kph on roads coming into the settlement (eg, Loop Road (both ends) and Millar Road)?

- Strongly support Support Neutral Opposed Strongly opposed NA/Don't know
 1 2 3 4 5 6

15. Please outline any reasons for your views?

16. Should LOCA be involved in creating and improving community amenities? (eg, tennis courts)

- Strongly support Support Neutral Opposed Strongly opposed NA/Don't know
 1 2 3 4 5 6

17. Should LOCA be involved in creating and improving public amenities? (eg, walking tracks).

- Strongly support Support Neutral Opposed Strongly opposed NA/Don't know
 1 (go to Q18) 2 (go to Q18) 3 (go to Q18) 4 (go to Q19) 5 (go to Q19) 6 (go to Q19)

18. If you support or strongly support, please list the ones that you support?

1) _____

2) _____

3) _____

19. What level of support do you place on LOCA and Landcare Okareka completing the walking track around Lake Okareka (excluding the residential area) from DOC camp ground to the outlet?

Strongly support 1 Support 2 Neutral 3 Opposed 4 Strongly opposed 5 NA/Don't know 6

20. Please outline any reasons for your views?

Bike tracks:

21. What level of support do you place on an access bike and walking track up to Tarawera Road, on each end of Okareka Loop Road from the settlement?

Strongly support 1 Support 2 Neutral 3 Opposed 4 Strongly opposed 5 NA/Don't know 6

22. Please outline any reasons for your views?

Footpaths:

23. Okareka is a settlement with few footpaths. Would you support more footpaths?

Strongly support 1 Support 2 Neutral 3 Opposed 4 Strongly opposed 5 NA/Don't know 6

24. Please outline any reasons for your views and if so the location of any footpaths?

Power lines:

25. What level of support do you place on the concept of undergrounding of power lines at Lake Okareka?

Strongly support 1 Support 2 Neutral 3 Opposed 4 Strongly opposed 5 NA/Don't know 6

26. Please outline any reasons for your views?

Street lighting:

27. What level of satisfaction do you have with street lighting at Lake Okareka?

- | | | | | | |
|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <i>Very satisfied</i> | <i>Satisfied</i> | <i>Neutral</i> | <i>Unsatisfied</i> | <i>Very unsatisfied</i> | <i>NA/Don't know</i> |
| 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | 4 <input type="checkbox"/> | 5 <input type="checkbox"/> | 6 <input type="checkbox"/> |

28. If unsatisfied, which streets or parts of streets do you think need more lighting?

Tourism:

29. What level of concern do you have about increasing visitor use of beaches, reserves, walkways and the DOC camp ground?

- | | | | | | |
|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <i>Very unconcerned</i> | <i>Unconcerned</i> | <i>Neutral</i> | <i>Concerned</i> | <i>Very concerned</i> | <i>NA/Don't know</i> |
| 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | 4 <input type="checkbox"/> | 5 <input type="checkbox"/> | 6 <input type="checkbox"/> |

30. Please outline any reasons for your views?

31. Are you concerned about "freedom camping" in the Lake Okareka area?

Freedom camping is defined as where cars and vans just pull up anywhere on the side of the road to stay overnight, and pay nothing.

- | | | | | | |
|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <i>Very unconcerned</i> | <i>Unconcerned</i> | <i>Neutral</i> | <i>Concerned</i> | <i>Very concerned</i> | <i>NA/Don't know</i> |
| 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | 4 <input type="checkbox"/> | 5 <input type="checkbox"/> | 6 <input type="checkbox"/> |

32. Please outline any reasons for your views?

33. What level of support do you have for any expansion of the DOC camp ground and its day picnic area?

- | | | | | | |
|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| <i>Strongly support</i> | <i>Support</i> | <i>Neutral</i> | <i>Opposed</i> | <i>Strongly opposed</i> | <i>NA/Don't know</i> |
| 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | 4 <input type="checkbox"/> | 5 <input type="checkbox"/> | 6 <input type="checkbox"/> |

34. Please outline any reasons for your views?

35. Should overnight camping continue at Boyes Beach?

- O₁ Yes
O₂ No

36. Please outline any reasons for your views?

37. Do you support one day events using the lake and trails?

- O1 Yes
O2 No

38. Please outline any reasons for your views?

39. Do you support road closures so that events can be held safely?

- O1 Yes
O2 No

40. Please outline any reasons for your views?

41. Do you support **full** or **partial** or **no** lake closures so that events can be held safely?

- O1 Partial
O2 Full
O3 No closures

42. Please outline any reasons for your views?

Lake usage:

43. What type of lake usage would you prefer to see on Lake Okareka?

Note: A passive lake is limited to fishing, sailing, swimming, paddle sports etc. An active lake (with motorised boats, water skiing, boat skis, etc.).

- | | | | | | |
|----------------------------|-----------------------------|--------------------------------|-----------------------------|----------------------------|----------------------------|
| Active lake | Mainly active, some passive | Even mix of active and passive | Mainly passive, some active | Passive lake | NA/Don't know |
| 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | 4 <input type="checkbox"/> | 5 <input type="checkbox"/> | 6 <input type="checkbox"/> |

44. Please outline any reasons for your views?

45. What level of support do you have for the existing water ski access lanes?

Strongly support
1

Support
2

Neutral
3

Opposed
4

Strongly opposed
5

NA/Don't know
6

46. Do you support the proposed water ski slalom course for the Silver Beach area?

Strongly support
1

Support
2

Neutral
3

Opposed
4

Strongly opposed
5

NA/Don't know
6

47. Do you have any comments to make about lake use or noise?

48. What is your gender?

- O1 Male
- O2 Female

49. What is your age grouping?

- O1 15-24
- O2 25-34
- O3 35-44
- O4 45-54
- O5 55-64
- O6 65-74
- O7 75+
- O8 Refused

Thank you for your participation. We appreciate your time!
If you have any queries, please feel free to contact Elvis at APR Consultants (0800 277 937).