

Schedule of Uses and Benefits

The following table contains a summary list of uses and benefits we have distilled from the hundreds of views expressed at the 11 stakeholder workshops held around the region in July/August 2008. It is from these meetings and this list that the points made in the previous section were drawn.

The full schedule of stakeholder contributions is gradually being loaded into a web site to be used to build the strategy. If you would like to review this schedule and details of how it is being created please register on the Canterbury Water web site in the public consultation section. You will then be invited to a “clinic” where you will be guided through this web information and the Water Management Strategy process.

We would especially like stakeholders who have been involved in the programme to comment on these uses and benefits. These comments include the accuracy of language in expressing their views and whether the distillation has been aggregated in an appropriate way. We would also be pleased for anyone else to comment. To make your comments we would ask you to follow a particular procedure which we will now outline.

You will note that the right hand column contains three sets of letters: E = essential, I = important, NI = not important. Please mark the appropriate letters to indicate your preference regarding each “use” and benefit”. It is important that you indicate how important each of these uses and benefits are to you personally, not to people in general.

You can mark your preferences in the following way:

- In a hard copy document that will be mailed, circle the preferred option
- In an emailed document, highlight the preferred option in a different colour
- If the submission is to be made on the website, views on uses and benefits will need to be listed.

Economic “Uses” of Canterbury Water

Land-Based Primary Production	All forms of commercial, land based primary production including e.g. agriculture, viticulture, horticulture, grazing, dairying, bee-husbandry, forestry, nursery, flower, nut, seed, organic oil and biofuel production	E I NI
Water-Based Primary Production	All forms of commercial, water based primary production including e.g. aquaculture, the exploitation of managed fisheries and hydroponic production	E I NI
Irrigation	Includes the artificial abstraction and application of ground or surface water to land being used for any or all commercial purposes such as primary production, and includes all possible modes, methods and application rates	E I NI
Land Use Intensification	Includes all forms of land use change which intensifies the use of land and the potential for adverse effects associated with that land use, and in particular, conversion to dairy, viticulture, land-based effluent disposal and lifestyle blocks.	E I NI

Land Management Practice and Compliance	Includes the adoption of and compliance with best practice land management measures, techniques and sustainability limits, whether self-imposed or externally imposed by regulation or community consensus. Includes practices relating to irrigation methods and rates of application, efficiency measures, management of diffuse and point-source discharges, riparian management, stock and crop management, the use of water and nutrients, the sustainable management of soil types, content and structure, and the protection of water quantity and quality	E I NI
Water Management Practice and Compliance	The adoption of and compliance with best practice water management measures, techniques and sustainability limits, whether self-imposed or externally imposed by regulation or community consensus. Relates to the same practices as for Land Management Practice and Compliance but with a water-management rather than land-management focus	E I NI
Hydrogeneration and Energy Use	The generation and use of energy for commercial, economic gain including public and private hydrogeneration initiatives, the distribution of water under gravity, the electrical pumping of surface and ground water, and the energy-fed operation of production and industry	E I NI
Industrial and Manufacturing	The use of water in all commercial manufacturing, processing, engineering and similar initiatives. This use <i>also</i> refers to the manufacture, processing and engineering of products and services which are subsequently used in primary production, or in the non-abstractive commercial, public or private use of these products and services with water, for example for recreation and/or tourism, or for environmental protection and enhancement purposes	E I NI
Urban Commercial Activities	All urban commercial activities such as employment, product, and service provision, irrespective of whether or not these are directly, indirectly or only remotely connected to the use of water in the most holistic of ways	E I NI
Trade	The district, regional, national and international trade and marketing of primary or secondary sector products, services and knowledge, rural or urban, tangible or intangible	E I NI
Commercial Tourism/Recreation	Includes all commercially operated tourism or recreation initiatives in Canterbury whether these are water based or only indirectly water related through the effective promotion of Canterbury's natural water, waterways and environment as an attraction to local, national and international visitors	E I NI

E = Essential to me I = Important to me NI = Not important to me

Biodiversity “Uses” of Canterbury Water

Flora: indigenous and introduced terrestrial species (including all plants)	Non-human use by species of terrestrial flora (including all plants) for life-sustaining functions eg. living, growing, breeding, pollinating, etc	E I NI
Fauna: indigenous and introduced terrestrial species (including all invertebrates, birds, fish - mammals, reptiles, amphibians, insects?)	Non-human use by species of indigenous and introduced terrestrial fauna (including all invertebrates, birds, fish - mammals, reptiles, amphibians, insects?) for life-sustaining functions, eg. living, growing, breeding, migrating, drinking, feeding etc	E I NI
Flora: indigenous and introduced freshwater species (including all plants)	Non-human use by species of freshwater flora (including all plants) for life-sustaining functions eg. living, growing, spawning, pollinating	E I NI
Fauna: indigenous and introduced freshwater species (including all invertebrates, birds, fish - mammals, reptiles, amphibians, insects?)	Non-human use by species of indigenous and introduced freshwater fauna (including all invertebrates, birds, fish - mammals, reptiles, amphibians, insects?) for life-sustaining functions, eg. living, growing, spawning, migrating, drinking, feeding etc	E I NI
Flora: indigenous and introduced saltwater species (including all plants)	Non-human use by species of saltwater flora (including all plants) for life-sustaining functions eg. living, growing, spawning, pollinating	E I NI

Fauna: indigenous and introduced saltwater species (including all invertebrates, birds, fish - mammals, reptiles, amphibians, insects?)	Non-human use by species of indigenous and introduced saltwater fauna (including all invertebrates, birds, fish - mammals, reptiles, amphibians, insects?) for life-sustaining functions, eg. living, growing, spawning, migrating, drinking, feeding etc	E I NI
Stock and produce	Non-human use by species of indigenous and introduced domesticated stock and crop species (including all plants, invertebrates, birds, fish, mammals, reptiles, amphibians, insects) for life-sustaining functions, eg. living, growing, spawning, migrating, drinking, feeding etc and for production eg. of milk, honey, wool, meat, seeds, vegetables, fruits etc	E I NI

E = Essential to me I = Important to me NI = Not important to me

Cultural “Uses” of Canterbury Water

Intrinsic life force/Mauri	The holistic, intrinsic non-human use which Canterbury water and water ways make of themselves, and to the health and sanctity of the Mauri of Canterbury (NZ) water. These uses recognise the inherent, cultural life force which flows between all water and water bodies whether still or moving, surface or groundwater, fresh or salt, and which lives through the natural atmospheric water cycles which sustain the cultural (as well as environmental) life and health of Canterbury water and ecosystems	E I NI
Mahinga Kai	All traditional, cultural food gathering and associated practices of tangata whenua in connection with Canterbury water and waterways (both fresh and salt) in their most holistic sense, and also includes any and all such practices where these are land-based activities, being all connected through the natural, atmospheric water cycles which sustain the cultural (as well as environmental) life and health of all Canterbury water and ecosystems	E I NI
Kaitiakitanga	All traditional, cultural guardianship activities and associated practices of tangata whenua in connection with Canterbury water and waterways (both fresh and salt) in their most holistic sense, and also includes any and all such practices where these are land-based activities, being all connected through the natural, atmospheric water cycles which sustain the cultural (as well as environmental) life and health of all Canterbury water and ecosystems	E I NI

Experiencing heritage and history	All uses, whether active or passive, through which people (whether local, national or international) experience, teach, learn about, understand, appreciate or value all NZ cultures' (other than Maori) heritage and history in NZ, whether through Canterbury water and waterways or whether through the broader ecosystems and environments including biodiversity (both dry and wetland) which are sustained by the natural, atmospheric water cycles, or through other, man made assets with heritage or historical value	E I NI
Experiencing aesthetic, scenic and landscape values	All uses, whether active or passive, through which people (whether local, national or international) experience, teach, learn about, understand, appreciate or value any or all of the aesthetic, scenic and landscape values of NZ, whether through Canterbury water and waterways or whether through the broader ecosystems and environments including biodiversity (both dry and wetland) which are sustained by the natural, atmospheric water cycles, or through other, man made assets with aesthetic, scenic or landscape value	E I NI
Sharing, Equity and Democratic Engagement	All uses, whether active or passive, which involve issues of distributive justice, equity, sharing, democratic participation and representation, community engagement and consultation, litigation and all such actions through all other regulatory or statutory channels, the establishment, defence and challenge of rights and interests which may arise as between users and governance, as between abstractive and instream users, as between different abstractive users and as between different instream users, also as between public and private interests, and as between commercial and not-for-profit interests; this use also includes all of the above categories of use in connection with environmental users and uses	E I NI

E = Essential to me I = Important to me NI = Not important to me

Social (Rural and Urban) “Uses” of Canterbury Water

Drinking water and food preparation	All human and animal consumptive uses of water consumed directly in food and/or drink, or incidentally through preparation and production processes e.g. cooking and/or washing raw materials privately or commercially (e.g. hospitality, food retail and manufacture). This does <i>not</i> include the prior gathering or production of either domesticated (crops and stock) or wild (wild, naturally occurring fish stocks, eels, seafood, aquatic plants) food supplies.	E I NI
Domestic Use - hygiene and sanitation	All domestic uses of water e.g. cleaning, washing, sterilisation, waste processing, health treatments or processes (e.g. mineral spas, health and cosmetic products), and all domestic uses of water for hygiene or sanitation.	E I NI

Domestic Use - gardening and production	All domestic uses of water for home gardening/production (e.g. tree, vegetable, fruit, flower, herb, seed, nut, oil and other crops plus composting and other such auxiliary activities) and all other similar domestic uses e.g. maintaining lawns, tennis courts, indoor pot plants, decorative gardens or displays of all kinds.	E I NI
Domestic Use - other	All other domestic uses of water which do not fall within one of the preceding categories (drinking water and food preparation, hygiene and sanitation, gardening and production) e.g. paddling pools, vases, hot water bottles, fish tanks and ponds, bird baths and fountains, indoor water features, humidifiers	E I NI
Municipal Use - storm, waste water and waste/sewage management	All municipal uses of water for hygiene and/or sanitation band in particular any municipal activities relating to storm, waste water/sewage management which use, manage, recycle or treat water and/or discharges or which establish the appropriate processes and infrastructure	E I NI
Municipal Use - gardening and production	All municipal uses of water for public gardening and production (includes all tree, fruit, vegetable, flower, herb, seed, nut, oil and other crops) and all other similar municipal uses such as maintaining lawns, tennis courts, parks, gardens, sports fields of all varieties, other 'green' spaces, indoor pot plants, decorative gardens or displays of all kinds.	E I NI
Water Management Practice and Compliance	The adoption of and compliance with best practice water management measures, techniques and sustainability limits, whether self-imposed or externally imposed by regulation or community consensus. Includes practices of municipal, commercial and domestic irrigation methods, rates of application, efficiency measures, management of diffuse and point-source discharges, riparian management, stock and crop management, use of water and nutrients, sustainable management of soil quality, protection of water quantity and quality, abstraction techniques and limits, discharge techniques and limits, sustainable recycling, treatment and management of grey and waste water, and any or all other desirable sustainability practices	E I NI
Community Lifestyle Activities and Consumption	All other domestic activities at individual, family or community level relating directly or indirectly to Canterbury water and waterways (assuming all things economic, environmental, social and cultural <i>do</i> interrelate holistically) e.g. energy consumption, purchase and use of all commodities, employment, daily life, family life, recreational participation and spectatorship, all other activities which contribute to community quality of life and/or define the individual. Such activities may be either active or passive. Water management decisions may significantly impact upon the availability of amenities, both natural and material, access to which is either directly or indirectly interconnected with this use	E I NI

Demographic Growth and Movement	All activities, whether individual, family or community which relate to population or demographic growth and/or movement. Examples include immigration and emigration (permanent or temporary), reproduction, residence, settlement, community engagement, involvement and commitment. Water management decisions may significantly impact upon the availability of amenities, both natural and material, access to which is either directly or indirectly interconnected with this use	E I NI E I NI
Community Use of Services and Infrastructure	Individual, family or community use of available services and infrastructure (for example health, education and transport opportunities) at the district, regional, national or international level. Water management decisions may significantly impact upon the availability of amenities, both natural and material, access to which is either directly or indirectly interconnected with this use	E I NI

E = Essential to me I = Important to me NI = Not important to me

Recreational “Uses” of Canterbury Water

Fishing and Hunting	All recreational hunting and fishing activities and all commercial fishing, hunting or other harvesting operations. Includes all such activities taking place in all environments, whether fresh, salt water, or terrestrial, in a wild and natural environment or a developed one (such as a man-made lake or canal), and covers all species, native and/or introduced, of fish, shellfish, birds, mammals, reptiles, amphibians, insects, invertebrates. This covers any/all such activities for whatever purpose they are being conducted, whether cultural, for sport, money, food, interest, or for other resources obtained from the prey species	E I NI
Boating and other water sports	All recreational, commercial, transport or other boating and water sport activities whether in a wild and natural environment or a developed one (such as a man-made lake or canal) and whether in fresh or salt water e.g. commercial freight and shipping, passenger ferries, water taxis, canoeing, kayaking, rafting, jet boating, rowing, sailing, jet-skiing, water-skiing etc whether for private, public or commercial purposes	E I NI
Tramping, camping and picnicking	All recreational, commercial, private or public tramping, camping and picnicking activities whether involving direct contact with Canterbury water and waterways or in a purely terrestrial environment in a wild and natural environment or a developed one (such as a park, holiday park or designated picnic ground). Examples include hiking, school camps, family picnics at favourite water spots	E I NI

Swimming and water play	All recreational, commercial, or other swimming, diving, snorkeling, scuba diving, wading, paddling and all other such water play activities in a wild and natural environment (such as a river, lake, natural hot spring, or the ocean) or a developed one (such as a man-made lake, swimming pool, sauna, or spa) and in fresh or salt water. Examples include school swimming sports, aquacise classes, children playing at the beach	E I NI
Artistic inspiration and creation	All recreational, commercial, public or private artistic activities and creation which either directly use or are inspired by Canterbury water and waterways eg fresh or salt water, still or flowing, surface or groundwater, and wild and natural or a developed environment (such as man made lakes and canals). Such activities include painting, drawing, photography, poetry, prose, philosophy, print making, music, culturally inspired art forms. Such activities may be either active or passive	E I NI
Maintaining physical health and fitness	All recreational, commercial, public or private activities which maintain physical health and fitness, whether through actual contact with Canterbury water and waterways (fresh or salt, still or flowing, natural or developed) or purely land based activities and either active or passive. Examples include running, walking, drinking pure water, swimming, undergoing health treatments, maintaining hygiene	E I NI
Maintaining mental/emotional/spiritual health and fitness	All recreational, commercial, public or private activities which maintain mental/emotional/spiritual health and fitness through actual contact with Canterbury water and waterways (fresh or salt, still or flowing, natural or developed) or purely land based activities and either active or passive. Examples include meditation, walking, rest and relaxation, contemplation, developing a sense of holism or connectedness, cultural and spiritual activities, listening to or looking at water	E I NI

E = Essential to me I = Important to me NI = Not important to me

Economic Benefits of Canterbury Water

Capital gains increase in land value for land holders	One-off increase in land value both to existing water rights holders gaining increased security over existing water (or other) rights, plus those obtaining new water (or other) rights and securities.	E I NI
Ongoing, sustainable profits for land holders achieving high production levels	Ongoing, sustainable profits for landholders and holders of 'aquatic' property such as commercial fisheries engaged in water or land based primary production, through achieving high production levels. Includes profits from any form of primary production based on natural capacity of the soil and climate or on artificial water and nutrient supplementation ('intensification')	E I NI

Ongoing, sustainable profits for commercial operations through processing and manufacturing	Ongoing, sustainable profits for industry, manufacturers and other commercial operations through the use of water in processing and manufacturing activities of all kinds, for example engineering, mineral extraction and refinement, chemical and biochemical operations etc	E I NI
Ongoing, sustainable profits for commercial operations through the trade of products and services	Ongoing, sustainable profits for industry, manufacturers and other commercial operations through the trade of products and services, where these products and services may or may not be directly connected with Canterbury water and waterways. Examples include the supply of farm and irrigation equipment, the supply of recreational and tourism equipment, the supply of soil moisture monitoring services, the supply of fertilisers, fishmeal or infrastructural supplies and services	E I NI
Ongoing, sustainable profits for urban industry including public and private sector employers	Ongoing, sustainable profits for urban industry including public and private sector employers through their own, their employees', and their clients' use of water and associated activities, e.g. the sale of business, accounting, IT, legal and administrative services to the primary production or manufacturing sectors, the affordable employment and retention of staff attracted to the area by its natural, environmental and recreational opportunities (over and above economic incentives such as high rates of remuneration), employment in health, education, travel, transport, tourism and other service industries which supply all sectors of the economy including those which are water based, artistic commissions etc	E I NI
A high quality of sustainable consumer life style for District-based groups of Cantabrians	High quality sustainable consumer life style for District-based groups of Cantabrians, other Cantabrians, New Zealanders, tourists and others globally through viable employment, income, water consumption, energy consumption, the purchase and use of all commodities (whether local or imported), enjoyment of daily life and family life, and individual, family or community use of available services and infrastructure (for example health, education and transport opportunities). It is understood that water management and use decisions may significantly impact upon the availability of amenities, both natural and material, the enjoyment of which is either directly or indirectly interconnected with this benefit	E I NI
Canterbury has a 'value-adding' international reputation for excellent environmental health and sustainable, environmental practices	Canterbury and NZ have a positive 'value-adding' international reputation for excellent environmental health (including naturally clean water, waterways and land) and sustainable, environmental (production) practices. This benefit implies that profit margins are higher on NZ products and services because of value-added marketing and the perceived desirability of NZ exports.	E I NI

E = Essential to me I = Important to me NI = Not important to me

Biodiversity Benefits of Canterbury Water

Healthy, natural ecosystems in Canterbury's braided rivers	Healthy, natural, sustainable aquatic and terrestrial ecosystems in Canterbury's braided rivers. Healthy 'ecosystem' includes the health of all associated species of flora and fauna plus the health and regularity of natural systems e.g. weather, climate, tides, water, air and nutrient flows	E I NI
Healthy, natural ecosystems in Canterbury's lowland streams	Healthy, natural, sustainable aquatic and terrestrial ecosystems in Canterbury's lowland streams including a healthy 'ecosystem' as described above for Canterbury's braided rivers	E I NI
Healthy, natural ecosystems in Canterbury's lakes and other water bodies	Healthy, natural, sustainable aquatic and terrestrial ecosystems in Canterbury's lakes and other water bodies including a healthy 'ecosystem' as described above for Canterbury's braided rivers	E I NI
Healthy, natural ecosystems in Canterbury's wetlands	Healthy, natural, sustainable aquatic and terrestrial ecosystems in Canterbury's wetlands including a healthy 'ecosystem' as described above for Canterbury's braided rivers	E I NI
Healthy, natural ecosystems in Canterbury's coastal environment	Healthy, natural, sustainable aquatic and terrestrial ecosystems in Canterbury's coastal environment including a healthy 'ecosystem' as described above for Canterbury's braided rivers	E I NI
Healthy, artificially developed ecosystems on private Canterbury properties	Healthy, artificially developed, sustainable ecosystems on privately owned or leased Canterbury properties including a healthy 'ecosystem' as described above for Canterbury's braided rivers	E I NI
Healthy, natural (dryland) ecosystems on private Canterbury properties	Healthy, natural (dryland), sustainable ecosystems on privately owned or leased Canterbury properties including a healthy 'ecosystem' as described above for Canterbury's braided rivers	E I NI
Healthy, natural ecosystems in Canterbury's non-aquatic environments	Healthy, natural, sustainable terrestrial ecosystems in Canterbury's non-aquatic environments including a healthy 'ecosystem' as described above for Canterbury's braided rivers	E I NI
Healthy, natural populations of Canterbury's flora and fauna	Healthy, natural, sustainable populations of Canterbury's flora and fauna, indigenous and introduced, aquatic and terrestrial, fresh and saltwater	E I NI

Healthy, natural and uncontaminated sustainable surface water availability	Healthy, natural, uncontaminated fresh surface water is available for this and future generations through the sustainable use and management of both land and water in Canterbury. 'Healthy, natural and uncontaminated' refers to <i>untreated</i> water, but which may not be '100% pure'. Naturally occurring water can contain healthy minerals, nutrients as a consequence of the healthy ecosystems through which such water has passed. This benefit refers to water of a naturally occurring high quality, free of contaminants associated with <i>human activities</i> and therefore not requiring treatment.	E I NI
Healthy, natural and uncontaminated sustainable ground water availability	Healthy, natural and uncontaminated ground fresh water continues to be available for this and future generations as a consequence of the sustainable use and management of both land and water in Canterbury. As with the above Benefit, this benefit refers to untreated water which may not be "pure" but is free of contaminants associated with human activity	E I NI

E = Essential to me I = Important to me NI = Not important to me

Cultural Benefits Associated with Canterbury Water

Note:	The Canterbury Water Management Strategy team are refining this section in consultation with local Maori	
The intrinsic, inherent values of Canterbury water, waterways and land recognised by NZers are natural, healthy and intact	The culturally and spiritually recognised intrinsic, inherent values of all Canterbury water, waterways and land (fresh and salt, surface and ground, still and flowing) and associated ecosystems are natural, healthy and intact for this and generations to come according to the cultural wisdom of NZers of all other ethnicities and cultures. This benefit refers to the protection of intrinsic environmental values without reference to human convenience or activities.	E I NI
NZ people feel happy that they have protected and preserved Canterbury water, waterways and land in a healthy, natural and culturally/spiritually intact condition	NZ people feel happy and satisfied that they have fulfilled their fiduciary duty to generations past, present and future to protect and preserve Canterbury water, waterways and land in a healthy, natural and culturally/spiritually intact condition. This duty and the satisfaction arising from it includes the preservation of the culturally and spiritually recognised Mauri, life force, or intrinsic/inherent values of all Canterbury water, waterways and land (fresh and salt, surface and ground, still and flowing) and associated ecosystems.	E I NI

Maori people feel happy that their guardianship role of Kaitiakitanga has been recognised, respected and effectively exercised	Maori people feel happy and satisfied that their culturally, socially and politically significant guardianship role of Kaitiakitanga has been recognised, respected and effectively exercised. This role and the satisfaction arising from it includes the preservation of the culturally and spiritually recognised Mauri, life force, or intrinsic/inherent values of all Canterbury water, waterways and land (fresh and salt, surface and ground, still and flowing) and associated ecosystems. This benefit implies the continuance of these cultural privileges and traditions.	E I NI
Maori people feel happy that they have been able to engage in cultural practices such as Mahinga Kai in Canterbury water, waterways and land	Maori people feel happy and satisfied that they have been able to engage in cultural practices such as Mahinga Kai in an uncompromised, spiritually and culturally natural and healthy Canterbury environment including Canterbury water, waterways and land. This benefit implies the continuance of these cultural privileges and traditions.	E I NI
NZ people feel happy that they have protected and preserved the heritage, history, aesthetic and landscape values associated with Canterbury water, waterways and land	NZers feel happy and satisfied that they have fulfilled their fiduciary duty to generations past, present and future to protect and preserve the heritage, history, aesthetic and landscape values associated with Canterbury water, waterways and land in a healthy, natural and culturally/spiritually intact condition	E I NI
NZ people feel happy that they have protected and preserved the biodiversity and life-supporting values associated with Canterbury water, waterways and land	NZers feel happy and satisfied they have fulfilled their fiduciary duty to generations past, present and future to protect and preserve the biodiversity and life-supporting values associated with Canterbury water, waterways and land in a healthy, natural condition. This refers to protection of intrinsic environmental and biodiversity values without reference to human convenience or activities except in so far as humans are one of very many species of flora and fauna (indigenous/introduced, terrestrial/aquatic, fresh/salt water) which have equal and equivalent rights to the life-supporting value of environmental elements such as water, air and land.	E I NI

E = Essential to me

I = Important to me

NI = Not important to me

NZ people feel happy that they understand the intrinsic, biodiversity, cultural, spiritual, heritage, and productive values of Canterbury water, waterways and land, and that these values have been protected	NZ people feel happy and satisfied that they have an understanding of the cultural, spiritual, intrinsic, heritage, history, biodiversity, life-supporting and productive values of Canterbury water, waterways and land, and that these values have been protected. This benefit implies knowledge and appreciation at both a holistic and an anthropocentric level.	E I NI
Cantabrians and NZers are satisfied that they have been appropriately involved in democratic decision-making about water use and management in Canterbury	All Cantabrians and NZers are happy and satisfied because they feel that they have been appropriately involved in the making of democratic decisions about water use and management in Canterbury. This refers to a sense of natural justice, equity and democratic empowerment and implies at the very least a sense of satisfaction with the fairness, integrity and authenticity of the decision making processes and opportunities which were available, and preferably also a sense of satisfaction with the fair, democratic and balanced nature of the outcomes reached, irrespective of personal views and preferences (which, naturally, will differ).	E I NI
Cantabrians and NZers are satisfied that Canterbury water is being used, managed and shared in a way that is fair and equitable with respect to all users, interests and external impacts	All Cantabrians and NZers are happy and satisfied because they feel Canterbury water is being used and managed (shared) in a way that is fair and equitable and takes into account all users (public, private, environmental, abstractive and instream), their respective interests and their effects and impacts on others. This refers to a sense of natural justice and equity and implies a sense of satisfaction with the fair, democratic and balanced nature of the outcomes reached, irrespective of personal views and preferences (which, naturally, will differ).	E I NI
Cantabrians and NZers have a positive sense of identity through their connection with Canterbury water, waterways and land	All Cantabrians and NZers are happy and satisfied because they have a positive sense of identity through their connection with Canterbury water, waterways and land. This includes concepts of 'identity' relating to any or all of the cultural, spiritual, intrinsic, heritage, history, biodiversity, life-supporting and productive values of Canterbury water, waterways and land in whatever sense is meaningful at an individual and/or a community level.	E I NI
Canterbury and NZers are proud of an international reputation for naturally clean water, waterways and land	Canterbury and NZ have a positive international reputation for naturally clean water, waterways and land (of which all Cantabrians and NZers are proud). This benefit implies a positive sense of identity as well as a positive reputation, experienced both at an individual and community level.	E I NI

E = Essential to me

I = Important to me

NI = Not important to me

Social (Rural and Urban) Benefits of Canterbury Water

People are healthy because they are consuming naturally clean Canterbury water	People are healthy because they are drinking naturally clean Canterbury water (and using naturally clean Canterbury water for food production and processing). This benefit implies maintained or enhanced physical and emotional health.	E I NI
People are happy because they are consuming naturally clean Canterbury water and feel that their rights have been protected	People are happy because they are drinking naturally clean Canterbury water and feel that their right to do so has been recognised and protected. This relates both to emotional contentment and a sense of justice and equity attached to the actual act, taste and life-sustaining value of drinking and to the protection of the right to enjoy these values.	E I NI
People have excellent health, hygiene and sanitation through their domestic use of water	People have excellent health, hygiene and sanitation through their domestic use of water. This includes sound physical and mental health sustained by effective hygiene and sanitation at an individual or community level, and also to practical comfort and convenience.	E I NI
People have an excellent quality of life based on their use of water for domestic gardening and production	People have an excellent quality of life based on their use of water for domestic gardening and production. This benefit reflects not only the economic and environmental but also the aesthetic, therapeutic and other intangible emotional benefits which may be associated with gardening and the preservation of natural or green spaces.	E I NI
People have an excellent quality of life based on their use of water for general domestic activities	People have an excellent quality of life based on their use of water for general domestic activities. This benefit reflects not only the economic advantages of freely available water use but also the possible advantages to aesthetics, comfort, convenience and other possible intangible emotional benefits.	E I NI
People have an excellent quality of life based on their use of energy and electrical commodities	People have an excellent quality of life based on their use of affordable, reliable energy and electrical commodities. This relates primarily to the level of economic advantage, comfort and convenience which may be derived from such use, but potentially also to any other possible intangible emotional benefits such as peace of mind.	E I NI
People have an excellent quality of life due to the convenience and sanitation provided by municipal storm, waste and sewage water management infrastructure and services	People have an excellent quality of life due to the convenience and sanitation provided by municipal storm, waste and sewage water management infrastructure and services. This benefit relates primarily to the sound physical and mental health which are sustained by effective hygiene and sanitation, whether at an individual or at a community level, and also to practical comfort and convenience.	E I NI

People have an excellent quality of life due to the convenience, commodities and lifestyle opportunities provided by municipal areas, infrastructure and services	People have an excellent quality of life due to the convenience, commodities and lifestyle opportunities provided by municipal gardening, irrigation of public areas, and other productive infrastructure and services. This reflects not only the economic, environmental, health and educational advantages to citizens but also to comfort, convenience and the aesthetic, therapeutic and other intangible emotional benefits which may be associated with the preservation of natural or green spaces and the availability of other amenities.	E I NI
People have a sense of satisfaction and justice knowing that Canterbury's water resources are being sustainably used and managed	People have a sense of satisfaction and justice knowing that Canterbury's water resources are being sustainably used and managed (e.g. efficiency, recycling, user compliance). This reflects the principle of responsible use, the precautionary principle and the concept of intergenerational (and <i>intragenerational</i>) equity - and the value which NZers and Cantabrians attribute to the observance of these principles.	E I NI
Strong, stable, cohesive communities and positive demographic statistics in both urban and rural communities	Strong, stable, cohesive communities and positive demographic statistics for immigration and population growth in both urban and rural communities. This benefit relates both to the inherent, positive capacity of such communities and also to the positive <i>sense</i> of community which Cantabrians and NZers feel in such environments.	E I NI

E = Essential to me I = Important to me NI = Not important to me

Recreational Benefits of Canterbury Water

Cantabrians and NZers feel proud of Canterbury's outstanding international reputation for natural environmental and recreational experiences	Cantabrians and NZers feel a sense of pride in Canterbury's outstanding international reputation for natural environmental and recreational experiences. This relates to a sense of positive identity at the individual and community level and also to the reputation itself which Canterbury's water, waterways, land and associated opportunities inspire.	E I NI
Local people have a higher level of environmental awareness and enjoyment	Local people have a higher level of environmental awareness and enjoyment due to their personal experience of Canterbury water, water ways and land, and associated recreational and other opportunities. This includes the sense of personal enjoyment and improved understanding and appreciation which enables people to make informed, sustainable lifestyle choices for themselves and for the environment in the most holistic sense.	E I NI
Tourists have a higher level of environmental awareness and enjoyment	As for the previous Benefit but specifically as it applies to tourists from within NZ and overseas	E I NI

Ongoing, sustainable profits for local tourism operators through successful initiatives sustained by Canterbury's environmental and recreational reputation	Ongoing, sustainable profits for local tourism operators through successful initiatives sustained by Canterbury's reputation, including the effective promotion of Canterbury water, waterways and land, as an environmental and recreational tourist destination. This includes economic profits to individual operators plus the travel, tourism, hospitality and retail industries collectively and to all other directly or indirectly related industries.	E I NI
Local people are fit, healthy and happy due to their recreational experiences in and around Canterbury water, water ways, land and associated ecosystems	Local people are fit, healthy and happy due to their recreational experiences in Canterbury and particularly in and around Canterbury water, water ways, land and associated ecosystems. This includes improved physical and emotional health and fitness of those engaging in either active or passive recreational activities.	E I NI
Tourists are fit, healthy and happy due to their recreational experiences in and around Canterbury water, water ways, land and associated ecosystems	As for the previous Benefit but specifically as it applies to tourists from within NZ and overseas	E I NI
People have excellent mental and spiritual health because they enjoy the sensory beauty and biodiversity present in Canterbury's natural environment	People have excellent mental and spiritual health because they enjoy the sensory beauty and the sounds of clean running water in rivers and lakes, pools, and beaches, and healthy flora and fauna all present in Canterbury's natural environment. This includes all perceived forms of mental, spiritual, cultural, emotional, psychological, philosophical and religious health in whatever way these have meaning for the individuals whose health is in question.	E I NI
People have a sense of artistic satisfaction from the creation and inspiration which they draw from Canterbury's natural environments	People have a sense of artistic satisfaction from the creation and inspiration they draw from Canterbury water, waterways and land and associated ecosystems and biodiversity e.g. all forms of art, artistry and artistic sentiment whether visual, aural, literary or other. Artistic satisfaction includes all perceived forms of mental, spiritual, cultural, emotional, psychological, philosophical and religious health in whatever way these have meaning for the individuals whose artistic expression is in question.	E I NI

E = Essential to me

I = Important to me

NI = Not important to me