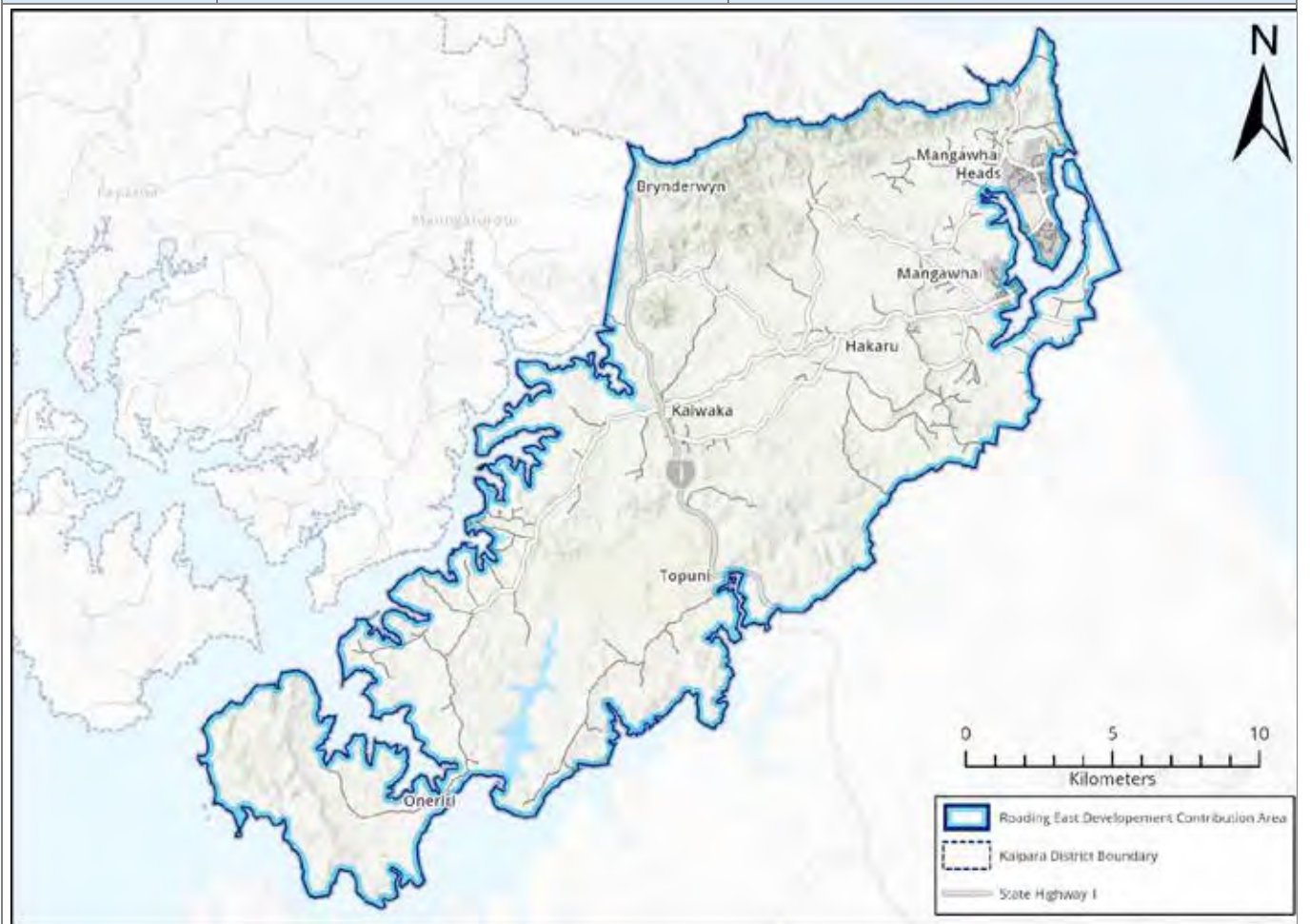


Appendix 1 – Development Contribution Activity-Funding Areas

Community Facility	Activity-Funding Areas	Development to which Development Contribution Applies
Roading	District	Development anywhere in the District
Community Infrastructure	District	Development anywhere in the District
Roading	Roading East	Development in the area indicated in Map 1
Wastewater Treatment	Mangawhai Community Wastewater Scheme area	Development at Mangawhai where the service is available
Wastewater Treatment	Dargaville, Kaiwaka, Glinks Gully, and Maungatūroto Scheme areas	Development in any separate wastewater scheme
Water Supply	Dargaville/Baylys, Glinks Gully, Ruawai, Mangawhai and Maungatūroto Scheme areas	Development in any separate water supply scheme
Stormwater Management	Mangawhai, Dargaville, Te Kopuru, Maungatūroto, Kaiwaka and Baylys Scheme areas	Development in any separate urban stormwater scheme



Appendix 2 – Assessment of Significant Assumptions

Assumption	Level of Uncertainty	Potential Effects
The rate, level and location of growth will occur as forecast in the rating growth projections accompanying the Long Term Plan	High	Lower than forecast growth will result in a significant under-recovery of Development Contributions revenue
Capital expenditure will be in accordance with the capital works programme in the Long Term Plan	Moderate	In current circumstances significant changes to the capital programme are unlikely
No significant changes to service standards are expected to occur other than those planned for in the Asset Management Plans	Low	No significant effects anticipated
The level of third-party funding (such as NZ Transport Agency subsidies) will continue at predicted levels for period of the Long Term Plan	Low	No significant effects anticipated
There will be no significant variations to predicted rates of interest and inflation to those set out in the Long Term Plan	Moderate/High	Significant past spending on the Mangawhai Community Wastewater Scheme through loans, presents a significant risk for a number of years to come if interest rates rise

Appendix 3 – Glossary of Terms

“AC cost”	means the cost for providing additional capacity to service the development of new households and businesses.
“Accommodation units”	has the meaning given to it in section 197(2) of the Local Government Act 2002 (See definitions below).
“Activity-funding area”	means the whole or any part of the District as defined in this Policy, which will be served by a particular activity type.
“Activity unit of demand”	means the demand for a community facility generated by development activity other than subdivision.
“Additional capacity project” or “AC project”	means a capital project in the Long Term Plan intended only to provide additional capacity to service new and future households and businesses.
“Aged care room”	means any residential unit in a “rest home” or “hospital care institution” as defined in section 58(4) of the Health and Disability Service (Safety) Act 2001.
“Allotment” or “lot”	has the meaning given to the term “allotment” in section 218(2) of the Resource Management Act 1991. (See definitions below).
“Bedroom”	means a room used for sleeping, normally accommodating no more than three persons.
“Combined project” or “AC/ILOS project”	means a project in the Long Term Plan intended to deal with shortfalls in levels of service to existing households and businesses by bringing assets up to the <i>service standard</i> and/or by providing additional service life, and to provide capacity for further growth.
“Commercial”	for the purposes of this Policy, means the provision of goods, services and travellers accommodation principally for commercial gain, including camping grounds, caravan/trailer home parks, a depot for the maintenance, repair and storage of vehicles, machinery, equipment and materials and the storage and use of hazardous substances but does not include stalls or produce markets or farm buildings associated with normal farming operations including sheds, barns, garages and buildings for indoor poultry livestock and crops production.
“Community infrastructure”	has the meaning given to it in section 197 of the Local Government Act 2002 (See definitions below).
“Development”	has the meaning given to it in section 197 of the Local Government Act 2002. (See definitions below).
“Development contributions calculation period”	means the period between 1 July 2018 and a date 30 years after the date of adoption of this Policy.
“Dwelling unit”	means any building or group of buildings or any part of those buildings, used or intended to be used solely or principally for residential purposes and occupied or intended to be occupied by not more than one household – and includes a minor household unit, a utility building or any unit of commercial accommodation.

<p>“Gross business area”</p>	<p>means:</p> <p>(a) the <i>gross floor area</i> of any building, including the gross floor area of all floors of a multi-storey building; plus</p> <p>(b) the area of any part of the <i>lot</i> used solely or principally for the storage, sale, display or servicing of goods or the provision of services on the <i>lot</i> but not including permanently designated vehicle parking, manoeuvring, loading and landscaping areas, the conversion of which to another use would require resource consent.</p> <p>The <i>gross business area</i> excludes the area of network infrastructure including pipes, lines and installations, roads, water supply, wastewater and stormwater collection and management systems, but includes the area of buildings occupied by network service providers, including offices, workshops, warehouses and any outside areas used for carrying out their normal business.</p>
<p>“ILOS cost”</p>	<p>means the cost of improving levels of service to existing households and businesses by bringing assets up to the <i>service standard</i> and/or by providing additional service life.</p>
<p>“Impervious Area”</p>	<p>means that part of the <i>lot</i> which is already covered or is to be covered by any impermeable artificial surface but excludes any impervious areas created without a building or resource consent.</p>
<p>“Improved level of service project” or “ILOS project”</p>	<p>“means a capital project in the Long Term Plan intended only to deal with shortfalls in levels of service to existing households and businesses by bringing assets up to the <i>service standard</i> and/or by providing additional service life.</p>
<p>“Industrial”</p>	<p>means for the purposes of this Policy, any land, building or part of a building used for the processing, assembly, servicing, testing, repair, packaging, storage or manufacture of a product or produce, including the maintenance, repair and storage of vehicles, machinery, equipment and materials, and the storage of hazardous substances associated with the activity, but does not include mineral extraction or farm buildings associated with normal farming operations including sheds, barns, garages and buildings for indoor poultry livestock and crops production.</p>
<p>“Legally established”</p>	<p>“means, in relation to any <i>lot</i> or development, any <i>lot</i> for which a title has been issued, or any dwelling, commercial or industrial unit for which a code compliance certificate has been issued. <i>Legally established</i> development includes buildings and structures that can be shown to have been in existence when this policy became operative on 1 July 2018 but have since been demolished.</p>
<p>“Lot unit of demand”</p>	<p>means the demand for a community facility generated by the creation of lots through subdivision.</p>
<p>“Past surplus capacity”</p>	<p>means capacity in assets provided as a result of capital expenditure made in anticipation of development since 1 July 2001.</p>
<p>“Remaining surplus capacity”</p>	<p>means the estimated remaining capacity in capital assets at the end of the Long Term Plan period, available to service future development occurring after the Long Term Plan period.</p>

“Retirement unit”	means any residential unit other than an aged care room, in a “ <i>retirement village</i> ” as defined in section 6 of the Retirement Villages Act 2003.
“Serviced Site”	means any site dedicated for the location of a vehicle or tent for the accommodation of persons, which is provided with utility services such as water supply, wastewater disposal, solid waste disposal, electricity or gas, either directly to the site or in the immediate vicinity.
“Service standard”	means a level of service for any Council activity set by Council and stated in the Asset Management Plan for the activity concerned, (available for inspection on request at any office of the Council) having due regard to one or more of the following factors: <ul style="list-style-type: none"> (a) demand data based on market research; (b) widely accepted and documented engineering or other minimum standards; (c) politically endorsed service levels based on community consultation; (d) safety standards mandated by local or central government; (e) environmental standards mandated by local or central government; (f) existing service levels, where these are recognised by all concerned parties to be adequate but have no formal ratification; (g) efficiency considerations where the <i>service standard</i> must take account of engineering and economic efficiency requirements which require a long-term approach to optimality.
“Surplus capacity project” or “SC project”	means a past capital expenditure project carried out since 1 July 2001 in anticipation of new development and providing surplus capacity for further development.
“Unit of demand”	is a unit of measurement by which the relative demand for an activity, generated by different types of development (existing or proposed), can be assessed. A <i>unit of demand</i> may be expressed as a <i>lot unit of demand</i> or an <i>activity unit of demand</i> .
“Utility Building”	is a structure containing facilities (such as toilet, shower, laundry, hot water cylinder, laundry tub) that make the site habitable prior to or during the erection of a dwelling.

Definitions Under Acts

<p>“Accommodation units”</p>	<p>is defined in section 197(2) of the Local Government Act 2002 to mean <i>“units, apartments, rooms in 1 or more buildings, or cabins or sites in camping grounds and holiday parks, for the purpose of providing overnight, temporary, or rental accommodation.”</i></p>
<p>“Allotment”</p>	<p>is defined under section 218(2) of the Resource Management Act 1991 as follows:</p> <p><i>“(a) any parcel of land under the Land Transfer Act 1952 that is a continuous area and whose boundaries are shown separately on a survey plan, whether or not:</i></p> <p><i>(i) the subdivision shown on the survey plan has been allowed, or subdivision approval has been granted, under another Act; or</i></p> <p><i>(ii) a subdivision consent for the subdivision shown on the survey plan has been granted under this Act; or</i></p> <p><i>(b) any parcel of land or building or part of a building that is shown or identified separately—</i></p> <p><i>(i) on a survey plan; or</i></p> <p><i>(ii) on a licence within the meaning of Part 7A of the Land Transfer Act 1952; or</i></p> <p><i>(c) any unit on a unit plan; or</i></p> <p><i>(d) any parcel of land not subject to the Land Transfer Act 1952.”</i></p>
<p>“Community infrastructure”</p>	<p>is defined under section 197 of the Local Government Act 2002 to mean <i>“the following assets when owned, operated, or controlled by a territorial authority:</i></p> <p><i>(a) community centres or halls for the use of a local community or neighbourhood, and the land on which they are or will be situated;</i></p> <p><i>(b) play equipment that is located on a neighbourhood reserve;</i></p> <p><i>(c) toilets for use by the public.”</i></p>
<p>“Development”</p>	<p>is defined under section 197 of the Local Government Act 2002 as follows:</p> <p><i>“(a) any subdivision, building (as defined in section 8 of the Building Act 2004), land use, or work that generates a demand for reserves, network infrastructure, or community infrastructure; but</i></p> <p><i>(b) does not include the pipes or lines of a network utility operator.”</i></p>

Appendix 4 – Demand Factors for Business Development

D.1. Roading Assumptions

Average business site size = 1,500m²

Gross business area is 60% of site = 1,000m²

Employees per hectare of business = 30 FTEs per ha (FTE (Full Time Equivalent). Employment figures may be amended subject to further sampling)

Average Household Unit Trip generation = 9 trips per day = 1 *Unit of Demand*

Sites per net hectare = 5 (7,500m² sites, 2,500m² roads)

Gross business area per hectare = 5 X 1,000 = 5,000m²

Each site of 1,500m² and each 1,000m² of gross business area has = 30/5 FTE's = 6 FTE's

Minimum trip generation = 3 trips per FTE per day = 18 trips per day

Unit of Demand Factor = 18/9 = 2 per 1,000m² of business area OR 0.002 per m² of business area

D.2 *Water Supply and Wastewater Treatment Assumptions:*

Residential consumption 200 litres per person per day = 1 *Unit of Demand*

Average household occupancy = 2.8 persons

Average business water consumption = 15,000 litres per hectare of business land per day (Consumption figures may be amended subject to further sampling)

1 Household Unit uses 200 litres X 2.8 = 560 litres per day = 1 *Unit of Demand*

1,000m² business land area uses 15,000 litres / 10 = 1,500 litres per day

Unit of Demand Factor = 1,500/560 = 2.67 per 1,000m² land area

Assume gross business area is 60% of land area i.e. 1,000m² site has 600m² gross business area and uses 1,500 litres per day

Unit of Demand factor = 1,500/560/600 = 0.00446 per m² of gross business area

Unit of Demand factor is 4.46/1,000m² of gross business area for water and wastewater OR 0.00446 per m² of gross business area

D.3 Stormwater Assumptions

Average residential site = 600m²

Runoff co-efficient for greenfields = 0.40ⁱ = C₁

Runoff co-efficient for residential areas = 0.55ⁱⁱ = C₂

Runoff co-efficient for business use = 0.65ⁱⁱⁱ = C₃

Unit of Demand Factor for business land

= C₃-C₁ X 1,000m²

C₂-C₁ 600m²

= 0.65-0.40 X 1,000m²

0.55-0.40 600mm²

= 2.78 per 1,000m² site OR 0.00278 per m² of *impervious area*.

Surface Water, Building Industry Authority, December 2000, Table 1, Run-off Co-efficients

i Heavy clay soil types – pasture and grass cover.

ii Residential areas in which *impervious area* is 35% to 50%.

iii Industrial, commercial, shopping areas and town house developments.

Appendix 5 – Schedule of Assets

The following tables sets out the schedule of assets with associated proportion % recovered through Development Contributions.

Council considers the Mangawhai Wastewater Scheme a single programme of works with different components, some of which have different proportions of funding from development contributions versus other sources. (reference Sec 201A of the LGA as the basis of undertaking this grouping of assets).

Activity	Rating area code	Project name	Year Completed	Project Source	Growth %	Project Cost
COMMUNITY	Community (new)	Mangawhai Library	2024	LTP2021-2031	50%	\$5,295,010
COMMUNITY	Community (new)	Premier parks - Kai Iwi Lakes	2031	LTP2021-2031	38%	\$1,164,961
	Community Total					\$6,459,971
ROADING	District Rooding	10058 Estuary Drive	2016	surplus capacity 2016-2018	50%	\$242,207
ROADING	District Rooding	10069 Estuary Drive	2016	surplus capacity 2016-2018	50%	\$19,835
ROADING	District Rooding	10071 Estuary Road- Seal Extension	2016	surplus capacity 2016-2018	50%	\$333,442
ROADING	District Rooding	10085 Jack Boyd	2016	surplus capacity 2016-2018	50%	\$23,794
ROADING	District Rooding	10130 Moir Point Road - Seal widening	2016	surplus capacity 2016-2018	50%	\$154,577
ROADING	District Rooding	10235 Settlement Road	2018	surplus capacity 2016-2018	50%	\$164,156
ROADING	District Rooding	10237 Settlement Road - Seal Extension	2018	surplus capacity 2016-2018	50%	\$8,295
ROADING	District Rooding	10548 Settlement Road Seal Extension 2017/18	2018	surplus capacity 2016-2018	50%	\$757,563
ROADING	District Rooding	11063 KDC client request projects 25%G	2019	surplus capacity 2019-2021	25%	\$34,987
ROADING	District Rooding	11116 Drainage Improvements (kaipara network)	2019	surplus capacity 2019-2021	6%	\$21,432
ROADING	District Rooding	11129 Kelly Str. RP0-388 - new footpaths SP1	2019	surplus capacity 2019-2021	31%	\$96,060
ROADING	District Rooding	211 Renewals Unsealed Road Metaling	2012	surplus capacity 2002-2014	6%	\$325,984
ROADING	District Rooding	211 Renewals Unsealed Road Metaling	2013	surplus capacity 2002-2014	6%	\$419,468
ROADING	District Rooding	211 Renewals Unsealed Road Metaling	2014	surplus capacity 2002-2014	6%	\$1,767,000
ROADING	District Rooding	212 Renewals Reseals (Chip Seals & Thin AC Surfacing)	2012	surplus capacity 2002-2014	6%	\$981,202
ROADING	District Rooding	212 Renewals Reseals (Chip Seals & Thin AC Surfacing)	2013	surplus capacity 2002-2014	6%	\$700,494
ROADING	District Rooding	212 Renewals Reseals (Chip Seals & Thin AC Surfacing)	2014	surplus capacity 2002-2014	6%	\$1,062,000
ROADING	District Rooding	213 Renewals Drainage Renewals-(Major Drainage Control)	2012	surplus capacity 2002-2014	6%	\$354,551
ROADING	District Rooding	213 Renewals Drainage Renewals-(Major Drainage Control)	2013	surplus capacity 2002-2014	6%	\$245,917
ROADING	District Rooding	213 Renewals Drainage Renewals-(Major Drainage Control)	2014	surplus capacity 2002-2014	6%	\$723,000
ROADING	District Rooding	214 Renewals Sealed Road Pavement Rehabilitation	2012	surplus capacity 2002-2014	6%	\$1,150,221
ROADING	District Rooding	214 Renewals Sealed Road Pavement Rehabilitation	2013	surplus capacity 2002-2014	6%	\$1,246,333
ROADING	District Rooding	214 Renewals Sealed Road Pavement Rehabilitation	2014	surplus capacity 2002-2014	6%	\$7,494,400
ROADING	District Rooding	215 Renewals Structures Strengthening	2012	surplus capacity 2002-2014	6%	\$174,534
ROADING	District Rooding	215 Renewals Structures Strengthening	2013	surplus capacity 2002-2014	6%	\$101,575
ROADING	District Rooding	215 Renewals Structures Strengthening	2014	surplus capacity 2002-2014	6%	\$400,000
ROADING	District Rooding	222 Renewals Signs and markings renewals	2012	surplus capacity 2002-2014	6%	\$19,533
ROADING	District Rooding	222 Renewals Signs and markings renewals	2013	surplus capacity 2002-2014	6%	\$58,075

ROADING	District Rooding	222 Renewals Signs and markings renewals	2014	surplus capacity 2002-2014	6%	\$257,000
ROADING	District Rooding	231 Renewals Associated Improvements	2012	surplus capacity 2002-2014	6%	\$97,035
ROADING	District Rooding	231 Renewals Associated Improvements	2013	surplus capacity 2002-2014	6%	\$489,888
ROADING	District Rooding	231 Renewals Associated Improvements	2014	surplus capacity 2002-2014	6%	\$1,102,000
ROADING	District Rooding	241 Renewals Emergency Works (Preventative maintenance)	2012	surplus capacity 2002-2014	6%	\$8,118
ROADING	District Rooding	241 Renewals Emergency Works (Preventative maintenance)	2013	surplus capacity 2002-2014	6%	\$162,749
ROADING	District Rooding	241 Renewals Emergency Works (Preventative maintenance)	2014	surplus capacity 2002-2014	6%	\$570,000
ROADING	District Rooding	322 Improvements Bridge Replacements	2012	surplus capacity 2002-2014	6%	\$39,947
ROADING	District Rooding	322 Improvements Bridge Replacements	2013	surplus capacity 2002-2014	6%	\$423,000
ROADING	District Rooding	341 Improvements Minor Improvements & Safety Projects	2012	surplus capacity 2002-2014	6%	\$322,046
ROADING	District Rooding	341 Improvements Minor Improvements & Safety Projects	2013	surplus capacity 2002-2014	6%	\$725,566
ROADING	District Rooding	341 Improvements Minor Improvements & Safety Projects	2014	surplus capacity 2002-2014	6%	\$1,792,000
ROADING	District Rooding	4324 Improvements Road reconstruction - Otamatea Ward DC	2012	surplus capacity 2002-2014	6%	\$893,178
ROADING	District Rooding	4324 Improvements Road reconstruction - Otamatea Ward DC	2013	surplus capacity 2002-2014	6%	\$1,560
ROADING	District Rooding	4324 Improvements Road reconstruction - Otamatea Ward DC	2014	surplus capacity 2002-2014	6%	\$994,000
ROADING	District Rooding	13004 New Footpath 20/21	2021	surplus capacity 2019-2021	38%	\$59,500
ROADING	District Rooding	13006 Paths; Walkways and Cycleways 20/21	2021	surplus capacity 2019-2021	38%	\$949,700
	<i>District Rooding Total</i>					\$27,967,924
ROADING	Rooding East	11122 Insley Street Shared Path	2019	surplus capacity 2019-2021	38%	\$14,131
ROADING	Rooding East	11125 Insley/Moir Intersection (Intersection 1)	2019	surplus capacity 2019-2021	38%	\$25,072
ROADING	Rooding East	11125 Insley/Moir Intersection (Intersection 1)	2020	surplus capacity 2019-2021	38%	\$103,317
ROADING	Rooding East	11125 Insley/Moir Intersection (Intersection 1)	2021	surplus capacity 2019-2021	38%	\$436,683
ROADING	Rooding East	11144 Moir Street Shared Path	2019	surplus capacity 2019-2021	38%	\$30,257
ROADING	Rooding East	11144 Moir Street Shared Path	2020	surplus capacity 2019-2021	38%	\$602,293
ROADING	Rooding East	11146 Moir/Molesworth Intersection (Intersection 2)	2019	surplus capacity 2019-2021	38%	\$24,997
ROADING	Rooding East	11146 Moir/Molesworth Intersection (Intersection 2)	2020	surplus capacity 2019-2021	38%	\$72,416
ROADING	Rooding East	11146 Moir/Molesworth Intersection (Intersection 2)	2021	surplus capacity 2019-2021	38%	\$467,584
ROADING	Rooding East	12000 Wood Street - Mainstreet redevelopment	2020	surplus capacity 2019-2021	38%	\$7,868
ROADING	Rooding East	12034 MCP Paths; Walkways and Cycleways 19/20	2020	surplus capacity 2019-2021	38%	\$11,574
ROADING	Rooding East	Cove Road Connection to Mangawhai Central	2028	LTP2021-2031	88%	\$12,326,846
ROADING	Rooding East	Kaiwaka Eastern Link Road Growth	2026	LTP2021-2031	50%	\$340,613
ROADING	Rooding East	Kaiwaka Oniriri Road Intersection Upgrade	2025	LTP2021-2031	38%	\$275,042
ROADING	Rooding East	Mangawhai - Improved access to Alamar Boat Ramp	2031	LTP2021-2031	88%	\$2,865,260
ROADING	Rooding East	Mangawhai Shared Path	2030	LTP2021-2031	38%	\$25,025,752

ROADING	Roding East	Wood Street Urban Improvements	2024	LTP2021-2031	38%	\$4,191,506
	<i>Roding East Total</i>					\$46,821,212
STORMWATER	Baylys Beach stormwater	11082 Chases Gorge Investigation	2019	surplus capacity 2019-2021	38%	\$20,000
STORMWATER	Baylys Beach stormwater	11082 Chases Gorge Investigation	2020	surplus capacity 2019-2021	38%	\$3,450
STORMWATER	Baylys Beach stormwater	12037 Chases Gorge	2020	surplus capacity 2019-2021	38%	\$41,000
STORMWATER	Baylys Beach stormwater	12037 Chases Gorge	2021	surplus capacity 2019-2021	38%	\$256,000
STORMWATER	Baylys Beach stormwater	5.2.3.1.1 Cap Dev (Los Enh) Piped Network Baylys Beach Upgrade Reticulation	2014	surplus capacity 2002-2014	6%	\$44,000
STORMWATER	Baylys Beach stormwater	Baylys Beach SW - Cynthia Place Stormwater upgrades	2027	LTP2021-2031	25%	\$256,681
STORMWATER	Baylys Beach stormwater	Chases Gorge	2022	LTP2021-2031	25%	\$250,000
	<i>Baylys Beach stormwater Total</i>					\$871,131
STORMWATER	Dargaville stormwater	11098 Dargaville SW	2020	surplus capacity 2019-2021	38%	\$89,704
STORMWATER	Dargaville stormwater	3.1.2 Ren Piped Network Dargaville	2012	surplus capacity 2002-2014	6%	\$19,220
STORMWATER	Dargaville stormwater	3.1.2 Ren Piped Network Dargaville	2013	surplus capacity 2002-2014	6%	\$21,425
STORMWATER	Dargaville stormwater	3.1.2 Ren Piped Network Dargaville	2014	surplus capacity 2002-2014	6%	\$211,000
STORMWATER	Dargaville stormwater	Dargaville SW Growth	2031	LTP2021-2031	63%	\$631,374
	<i>Dargaville stormwater Total</i>					\$972,722
STORMWATER	Kaiwaka stormwater	Kaiwaka SW growth Capital Works	2030	LTP2021-2031	63%	\$1,352,773
	<i>Kaiwaka stormwater Total</i>					\$1,352,773
STORMWATER	Mangawhai stormwater	11093 Mangawhai SW	2020	surplus capacity 2019-2021	19%	\$64,243
STORMWATER	Mangawhai stormwater	5.1.4.1 Cap Dev (Los Enh) Compliance Mangawhai Stormwater Discharge Consent Renewal	2012	surplus capacity 2002-2014	31%	\$58,000
STORMWATER	Mangawhai stormwater	5.2.1.1.4.1.5 Cap Dev (Los Enh) Network Improvements Asset Man Dev Mangawhai Stormwater Management Plan	2012	surplus capacity 2002-2014	31%	\$169,000
STORMWATER	Mangawhai stormwater	5.2.3.4.2 Cap Dev (Los Enh) Piped Network Mangawhai Upgrade Reticulation	2014	surplus capacity 2002-2014	6%	\$169,000
STORMWATER	Mangawhai stormwater	Mangawhai Stormwater Discharge Consent Renewal	2003	surplus capacity 2002-2014	31%	\$58,000
STORMWATER	Mangawhai stormwater	Mangawhai SW	2022	LTP 2021-2031	63%	\$300,000
STORMWATER	Mangawhai stormwater	Mangawhai SW - 130-138 Mangawhai Heads road redirection of flow and culvert upgrade	2023	LTP 2021-2031	38%	\$258,200
STORMWATER	Mangawhai stormwater	Mangawhai SW - Jack Boyd drive SW resilience	2027	LTP 021-2031	38%	\$2,433,250
STORMWATER	Mangawhai stormwater	Mangawhai SW Growth	2031	LTP 2021-2031	63%	\$385,542
STORMWATER	Mangawhai stormwater	Mangawhai SW Lincoln and Cheviot street new stormwater system	2028	LTP 2021-2031	38%	\$1,496,411
STORMWATER	Mangawhai stormwater	Mangawhai SW Taranui culvert capacity upgrade	2022	LTP 2021-2031	25%	\$49,000

STORMWATER	Mangawhai stormwater	Mangawhai SW Taranui increase upstream capacity and install wetland at 10 Taranui Place	2024	LTP 2021-2031	63%	\$85,050
STORMWATER	Mangawhai stormwater	Mangawhai Town Plan Wood St and surrounds stormwater upgrade	2030	LTP 2021-2031	19%	\$4,505,712
STORMWATER	Mangawhai stormwater	13022 Mangawhai SW	2021	surplus capacity 2019-2021	31%	\$276,757
	Mangawhai stormwater Total					\$10,308,164
STORMWATER	Maungaturoto stormwater	Maungaturoto Paparoa SW growth Capital Works	2029	LTP 2021-2031	63%	\$2,557,431
	Maungaturoto stormwater Total					\$2,557,431
WASTEWATER TREATMENT	Dargaville wastewater	Dargaville growth design	2022	LTP 2021-2031	100%	\$100,000
WASTEWATER TREATMENT	Dargaville wastewater	Dargaville wastewater growth - 1800m Wastewater line from Bower St to Awakino area to PS1	2028	LTP2021-2031	100%	\$989,445
WASTEWATER TREATMENT	Dargaville wastewater	Dargaville wastewater treatment plant upgrade	2028	LTP2021-2031	63%	\$2,456,064
WASTEWATER TREATMENT	Dargaville wastewater	Station Road reticulation	2022	LTP2021-2031	63%	\$200,000
	Dargaville wastewater Total					\$3,745,509
WASTEWATER TREATMENT	Kaiwaka wastewater	Kaiwaka wastewater growth	2023	LTP2021-2031	100%	\$104,100
WASTEWATER TREATMENT	Kaiwaka wastewater	KAIWAKA New Assets - Council Funded Additional Capacity for Growth - Council Contribution	2012	surplus capacity 2002-2014	44%	\$7,733
WASTEWATER TREATMENT	Kaiwaka wastewater	KAIWAKA Renewals All Asset Groups	2012	surplus capacity 2002-2014	6%	\$2,063
WASTEWATER TREATMENT	Kaiwaka wastewater	KAIWAKA Renewals All Asset Groups	2013	surplus capacity 2002-2014	6%	\$2,825
WASTEWATER TREATMENT	Kaiwaka wastewater	KAIWAKA Renewals All Asset Groups	2014	surplus capacity 2002-2014	6%	\$12,000
WASTEWATER TREATMENT	Kaiwaka wastewater	KAIWAKA Renewals AMP Improvements	2012	surplus capacity 2002-2014	6%	\$3,193
WASTEWATER TREATMENT	Kaiwaka wastewater	KAIWAKA Renewals AMP Improvements	2013	surplus capacity 2002-2014	6%	\$278
	Kaiwaka wastewater Total					\$132,192
WASTEWATER TREATMENT	Maungaturoto wastewater	Connect Maungaturoto Rail Village to Maungaturoto	2028	LTP2021-2031	63%	\$736,819
WASTEWATER TREATMENT	Maungaturoto wastewater	Maungaturoto wastewater growth - Bickerstaff to Judd	2028	LTP2021-2031	63%	\$442,092
WASTEWATER TREATMENT	Maungaturoto wastewater	Maungaturoto wastewater growth - connection to south and south valley, Bickerstaff Rd 670m growth and renewal	2022	LTP2021-2031	100%	\$75,000
	Maungaturoto wastewater Total					\$1,253,911
WATER SUPPLY	Dargaville/ Baylys water supply	DARGAVILLE & BAYLYS New Assets - Council Funded Additional Capacity for Growth - Council Contribution	2012	surplus capacity 2002-2014	44%	\$2,079
WATER SUPPLY	Dargaville/ Baylys water supply	DARGAVILLE & BAYLYS New Assets - Council Funded Additional Capacity for Growth - Council Contribution	2013	surplus capacity 2002-2014	44%	\$4,515
WATER SUPPLY	Dargaville/ Baylys water supply	Dargaville Watermain Upgrade - Hokianga Rd to Outer Dargaville Plateau 1.4km	2030	LTP2021-2031	100%	\$827,163
WATER SUPPLY	Dargaville/ Baylys water supply	Dargaville Watermain Upgrade to Awakino Plant 2km	2022	LTP2021-2031	63%	\$80,000
WATER SUPPLY	Dargaville/ Baylys water supply	Dargaville Water Treatment Upgrades - Investigation, Design and Construction	2023	LTP2021-2031	63%	\$83,280

	<i>Dargaville/ Baylys water supply Total</i>					\$997,038
WATER SUPPLY	Mangawhai water supply	Mangawhai New Assets - Council Funded Additional Capacity for Growth - Council Contribution	2012	surplus capacity 2002-2014	44%	\$1,094
	<i>Mangawhai water supply Total</i>					\$1,094
WATER SUPPLY	Maungaturoto water supply	Maungaturoto Bickerstaff to Judd Watermain - 1.2km	2027	LTP2021-2031	100%	\$321,911
WATER SUPPLY	Maungaturoto water supply	Maungaturoto South, South Valley, Bickerstaff Rd 670m Watermain Connection Renewal and Growth	2022	LTP2021-2031	88%	\$75,000
	<i>Maungaturoto water supply Total</i>					\$396,911
WASTEWATER TREATMENT	Mangawhai wastewater	Reticulation – Pipes	2012	Surplus Capacity 2012-2031	49%	\$18,390,283
WASTEWATER TREATMENT	Mangawhai wastewater	Reticulation – Pipes	2016	Surplus Capacity 2012-2031	100%	\$176,372
WASTEWATER TREATMENT	Mangawhai wastewater	Reticulation – Pipes	2019	Surplus Capacity 2012-2031	100%	\$84,387
WASTEWATER TREATMENT	Mangawhai wastewater	Reticulation – Pipes	2021	Surplus Capacity 2012-2031	100%	\$1,650,000
WASTEWATER TREATMENT	Mangawhai wastewater	Reticulation – Pipes	2022	Surplus Capacity 2012-2031	76%	\$1,150,000
WASTEWATER TREATMENT	Mangawhai wastewater	Reticulation – Pipes	2031	Surplus Capacity 2012-2031	100%	\$11,611,923
WASTEWATER TREATMENT	Mangawhai wastewater	Reticulation – Pumps	2012	Surplus Capacity 2012-2031	38%	\$2,264,453
WASTEWATER TREATMENT	Mangawhai wastewater	Reticulation – Pumps	2016	Surplus Capacity 2012-2031	75%	\$8,400
WASTEWATER TREATMENT	Mangawhai wastewater	Reticulation – Pumps	2018	Surplus Capacity 2012-2031	68%	\$512,868
WASTEWATER TREATMENT	Mangawhai wastewater	Treatment Plant – Civil Works & Buildings	2012	Surplus Capacity 2012-2031	50%	\$4,224,364
WASTEWATER TREATMENT	Mangawhai wastewater	Treatment Plant – Civil Works & Buildings	2021	Surplus Capacity 2012-2031	63%	\$660,000
WASTEWATER TREATMENT	Mangawhai wastewater	Treatment Plant – Civil Works & Buildings	2023	Surplus Capacity 2012-2031	63%	\$2,491,000
WASTEWATER TREATMENT	Mangawhai wastewater	Treatment Plant – Civil Works & Buildings	2031	Surplus Capacity 2012-2031	63%	\$469,719
WASTEWATER TREATMENT	Mangawhai wastewater	Treatment Plant – Electrical Works	2012	Surplus Capacity 2012-2031	50%	\$1,610,465
WASTEWATER TREATMENT	Mangawhai wastewater	Treatment Plant – Plant, Pumps & Equipment	2012	Surplus Capacity 2012-2031	49%	\$8,298,214
WASTEWATER TREATMENT	Mangawhai wastewater	Treatment Plant – Plant, Pumps & Equipment	2013	Surplus Capacity 2012-2031	31%	\$31,983
WASTEWATER TREATMENT	Mangawhai wastewater	Treatment Plant – Plant, Pumps & Equipment	2014	Surplus Capacity 2012-2031	19%	\$423,000
WASTEWATER TREATMENT	Mangawhai wastewater	Treatment Plant – Plant, Pumps & Equipment	2019	Surplus Capacity 2012-2031	63%	\$1,328,048
WASTEWATER TREATMENT	Mangawhai wastewater	Treatment Plant – Plant, Pumps & Equipment	2028	Surplus Capacity 2012-2031	88%	\$11,013,541
WASTEWATER TREATMENT	Mangawhai wastewater	Land – Farm Purchase	2012	Surplus Capacity 2012-2031	50%	\$7,222,178
WASTEWATER TREATMENT	Mangawhai wastewater	Specialist Subconsultants & Fees – Fees	2003	Surplus Capacity 2012-2031	38%	\$173,927
WASTEWATER TREATMENT	Mangawhai wastewater	Specialist Subconsultants & Fees – Fees	2004	Surplus Capacity 2012-2031	38%	\$225,499
WASTEWATER TREATMENT	Mangawhai wastewater	Specialist Subconsultants & Fees – Fees	2005	Surplus Capacity 2012-2031	38%	\$81,500
WASTEWATER TREATMENT	Mangawhai wastewater	Specialist Subconsultants & Fees – Fees	2006	Surplus Capacity 2012-2031	38%	\$241,273
WASTEWATER TREATMENT	Mangawhai wastewater	Specialist Subconsultants & Fees – Fees	2007	Surplus Capacity 2012-2031	38%	\$427,831
WASTEWATER TREATMENT	Mangawhai wastewater	Specialist Subconsultants & Fees – Fees	2008	Surplus Capacity 2012-2031	12%	\$1,154,862
WASTEWATER TREATMENT	Mangawhai wastewater	Specialist Subconsultants & Fees – Fees	2009	Surplus Capacity 2012-2031	38%	\$473,365

WASTEWATER TREATMENT	Mangawhai wastewater	Specialist Subconsultants & Fees – Fees	2012	Surplus Capacity 2012-2031	41%	\$12,056,104
WASTEWATER TREATMENT	Mangawhai wastewater	Specialist Subconsultants & Fees – Fees	2016	Surplus Capacity 2012-2031	100%	\$16,797
WASTEWATER TREATMENT	Mangawhai wastewater	Specialist Subconsultants & Fees – Fees	2018	Surplus Capacity 2012-2031	75%	\$165,158
WASTEWATER TREATMENT	Mangawhai wastewater	Specialist Subconsultants & Fees – Fees	2019	Surplus Capacity 2012-2031	100%	\$28,050
WASTEWATER TREATMENT	Mangawhai wastewater	Specialist Subconsultants & Fees – Fees	2021	Surplus Capacity 2012-2031	46%	\$121,000
	<i>Mangawhai wastewater Total</i>					\$88,786,563
Grand Total						\$192,624,545

Figures: Actual costs in prior years - current LTP22-31 years are estimated inflated costs.