

Infrastructure Committee Agenda

Date: Thursday, 12 September, 2019

Time: 10:30 am

Location: Council Chamber
Forum North, Rust Avenue
Whangarei

Elected Members: Cr Greg Martin (Chairperson)
Her Worship the Mayor Sheryl Mai
Cr Gavin Benney
Cr Vince Cocurullo
Cr Crichton Christie
Cr Tricia Cutforth
Cr Shelley Deeming
Cr Sue Glen
Cr Phil Halse
Cr Cherry Hermon
Cr Greg Innes
Cr Sharon Morgan
Cr Anna Murphy

For any queries regarding this meeting please contact
the Whangarei District Council on (09) 430-4200.

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Infrastructure Committee – Terms of Reference

Membership

Chairperson: Councillor Greg Martin

Members: Her Worship the Mayor Sheryl Mai
Councillors Stu Bell (Resigned 1 April 2019), Gavin Benney, Crichton Christie, Vince Cocurullo, Tricia Cutforth, Shelley Deeming, Sue Glen, Phil Halse, Cherry Hermon, Greg Innes, Sharon Morgan, Anna Murphy

Meetings: Monthly

Quorum: 7

Purpose

To oversee the management of council's infrastructural assets, utility services and public facilities.

Key responsibilities include:

- Services including the provision and maintenance of:
 - Infrastructure projects and support
 - Infrastructure project co ordination
 - Transportation
 - Waste and Drainage
 - Water
 - Parks and Reserves.
- Shared Services – investigate opportunities for Shared Services for recommendation to council.

Delegations

- (i) All powers necessary to perform the committee's responsibilities, including, but not limited to:
 - (a) the approval of expenditure of less than \$10 million plus GST.
 - (b) approval of a submission to an external body.
 - (c) establishment of working parties or steering groups.

- (d) power to establish subcommittees and to delegate their powers to that subcommittee.
- (e) the power to adopt the Special Consultative Procedure provided for in Section 83 to 88 of the LGA in respect of matters under its jurisdiction (this allows for setting of fees and bylaw making processes up to but not including adoption).
- (f) the power to delegate any of its powers to any joint committee established for any relevant purpose under clause 32, Schedule 7 of the Local Government Act 2002

Item 3.1
Infrastructure Committee Meeting Minutes

Date: Thursday, 8 August, 2019
Time: 10:30 a.m.
Location: Council Chamber
 Forum North, Rust Avenue
 Whangarei

In Attendance
 Cr Greg Martin (Chairperson)
 Her Worship the Mayor Sheryl Mai
 Cr Vince Cocurullo
 Cr Crichton Christie
 Cr Tricia Cutforth
 Cr Sue Glen
 Cr Phil Halse
 Cr Greg Innes
 Cr Sharon Morgan

Not in Attendance
 Cr Anna Murphy
 Cr Gavin Benney
 Cr Shelley Deeming
 Cr Cherry Hermon

Scribe C Brindle (Senior Democracy Adviser)

1. Declarations of Interest

No declarations of interest were made.

2. Apologies

Crs Gavin Benney and Shelley Deeming (absent) and Cr Cherry Hermon (leave of absence)

Moved By Cr Phil Halse

Seconded By Cr Crichton Christie

That the apologies be sustained.

Carried

3. Confirmation of Minutes of Previous Infrastructure Committee Meeting

3.1 Minutes Infrastructure Committee meeting held 11 July 2019

Moved By Cr Vince Cocurullo

Seconded By Cr Greg Innes

That the minutes of the Infrastructure Committee meeting held on Thursday 11 July 2019, having been circulated, be taken as read and now confirmed and adopted as a true and correct record of proceedings of that meeting.

Carried

4. Decision Reports

4.1 William Fraser Memorial Park on Pohe Island - Master Plan

Moved By Her Worship the Mayor

Seconded By Cr Phil Halse

That the Infrastructure Committee:

1. Adopts the William Fraser Memorial Park on Pohe Island Master Plan.
2. Authorises the Chief Executive to make any minor amendments, including typographical/formatting/editing changes if required.

Carried

4.2 Government Funding Applications Update

Moved By Cr Phil Halse

Seconded By Cr Greg Innes

That Council:

- a. Note this report; and
- b. Approve in principle the allocation of 50% project funding to support re-application to the Tourism Infrastructure Fund, being \$925,000 for the Hatea East Carpark Upgrade project, and \$700,000 for the Quarry Gardens Carparks Upgrade project.
- c. Approve in principle the allocation of \$1,000,000 additional funding (unbudgeted for public toilets at Ruakaka, Woolley's Bay, Brynderwyn, and Pataua North) which will form part of 50% co-funding for future TIF applications.
- d. That staff report back to council with funding options for the projects identified in b) and c) above. Options to include, but not be limited

to, deletion of projects within the current LTP (These projects can be reconsidered within 2021/2031 LTP).

Amendment

Moved By Cr Anna Murphy

Seconded By Her Worship the Mayor

That Council:

- a. Note this report; and
- b. Approve in principle the allocation of 50% project funding to support re-application to the Tourism Infrastructure Fund, being \$700,000 for the Quarry Gardens Carparks Upgrade project.
- c. Approve in principle the allocation of \$1,000,000 additional funding (unbudgeted for public toilets at Ruakaka, Woolley's Bay, Brynderwyn, and Pataua North) which will form part of 50% co-funding for future TIF applications.
- d. That staff report back to council with funding options for the projects identified in b) and c) above. Options to include, but not be limited to, deletion of projects within the current LTP (These projects can be reconsidered within 2021/2031 LTP).

On the amendment being put Cr Martin called for a division:

Recorded	For	Against	Abstain
Cr Greg Martin		X	
Her Worship the Mayor		X	
Cr Vince Cocurullo		X	
Cr Crichton Christie		X	
Cr Tricia Cutforth			X
Cr Sue Glen		X	
Cr Phil Halse		X	
Cr Greg Innes		X	
Cr Sharon Morgan		X	
Cr Anna Murphy	X		
Results	1	8	1

The Amendment was lost (1 to 8)
The motion was Carried

On the motion being put Cr Cutforth requested her vote against be recorded.

Crs Benney, Deeming and Hermon were absent.

5. Information Reports

5.1 Contracts Approved Under Delegated Authority

Moved By Her Worship the Mayor

Seconded By Cr Sue Glen

That the Infrastructure Committee note the Infrastructure contracts awarded under Chief Executive and General Manager delegated authority.

Carried

5.2 Infrastructure Capital Projects and Carry Forwards 2018/19 Year End Report

Moved By Cr Greg Innes

Seconded By Cr Vince Cocurullo

That the Committee notes the report.

Carried

5.3 Infrastructure Operational Report - August 2019

Moved By Cr Vince Cocurullo

Seconded By Cr Tricia Cutforth

That the Infrastructure Committee notes the Infrastructure Operational Report update.

Carried

6. Public Excluded Business

There was no business conducted in public excluded.

7. Closure of Meeting

The meeting concluded at 12.14pm.

Confirmed this 12th day of September 2019

Councillor Greg Martin (Chairperson)

4.1 Priority Product Stewardship Consultation Response

Meeting: Infrastructure Committee
Date of meeting: 12 September 2019
Reporting officer: David Lindsay

1 Purpose

To inform the Committee about Council's proposed submission to the Ministry for the Environment's priority product stewardship public consultation.

2 Recommendation

That the Committee endorses a submission to the Ministry for the Environment's priority product stewardship public consultation in support of priority product status for all the waste streams currently being consulted on and the ministerial guidelines for priority product stewardship schemes.

3 Background

In a product stewardship approach, manufacturers that design products and specify packaging have the greatest ability, and therefore greatest responsibility, to reduce environmental and economic impacts by attempting to incorporate the full lifecycle costs into the cost of doing business. Council support product stewardship policy because it involves:

- shifting financial and management responsibility upstream to the producer and away from the public sector; and
- providing incentives to producers to incorporate environmental considerations into the design of their products and packaging.

Product stewardship is mandatory when a product is declared a priority product under the Waste Minimisation Act 2008 by the Minister for the Environment.

Regulated product stewardship under the Waste Minimisation Act is an option for managing classes of products that can cause environmental harm on disposal. When effectively designed and implemented, such systems can shift the costs of minimising harm from products away from the wider community and environment to product designers, producers and users. This can help create market incentives for better product design, reduce environmental impacts, increase materials recovery from products at the end of their life and encourage waste minimisation and resource efficiency.

At present, New Zealand has no regulated product stewardship schemes. Numerous examples overseas include: e-waste, tyres, packaging, batteries, vehicles, oil, medicines, paint, agrichemicals, solvents, products with mercury and graphic paper. These schemes

typically work by requiring product fees on entry to market and reallocating the funds to ensure products are recycled or safely treated.

The Ministry for the Environment has released a public consultation document titled, *“Proposed priority products and priority product stewardship scheme guidelines”*.¹). The consultation will help to determine which products are included in co-design of regulated product stewardship with business and other stakeholders. It also proposes guidelines for the co-design process.

Priority product categories proposed for regulated product stewardship schemes are:

- tyres
- electrical and electronic products (e-waste), starting with lithium-ion batteries
- refrigerants and other synthetic greenhouse gases
- packaging, specifically beverage containers and plastic packaging
- agrichemicals and their containers and other farm plastics.

Future consultation will outline details of the schemes co-designed with stakeholders. It will also cover any potential regulations to ‘level the playing field’ and provide appropriate waste reduction incentives, on a priority product-by-product basis.

Consultation Timeline

- 4 October 2019 Consultation closes
- November 2019 Submissions summarised, advice to Cabinet
- Late 2019 Gazettal of priority products and ministerial guidelines for co-design process
- 2019 to 2021 Co-design of regulated product stewardship, advice to Cabinet, public consultation on Government proposals including regulatory options, Government decisions and implementation

Proposed timing for applications for priority product scheme accreditation

Stage of scheme design for the priority product	When application for accreditation (or reaccreditation) is expected
Existing accredited voluntary schemes (e.g. refrigerants, agrichemicals, farm plastics)	Within one year from the date of priority product declaration
Schemes developed with a multi-stakeholder consultation process including, as a minimum, producers, local authorities, major users and existing collectors and recyclers (e.g. tyres and potentially e-waste and some packaging types)	Within one year from the date of priority product declaration or the date of proposal completion, whichever comes later
No scheme in place or being developed	Within three years from the date of priority product declaration

Public consultation has been held on potential ‘priority product’ waste streams previously in 2005, 2009 and 2014.

¹ Refer to <https://www.mfe.govt.nz/consultations/priorityproducts> for more details and submission form

The Ministry for the Environment's analysis in 2015 - *Priority waste streams for product stewardship intervention: A Summary of Submissions* - states that "All the local government submissions were positive for prompt action on the four proposed – and other – waste streams. From a local government perspective, regulatory intervention from central government could achieve benefits that outweigh the costs."

However, ministerial priority product stewardship scheme guidelines were not proposed in 2014 and, due to the passage of time, the Government is consulting again to update this information with current views.

4 Discussion

The Waste Management and Minimisation Plan for Whangarei District states that:

Council recognises that many local waste management issues are more effectively managed through coordinated activity at a national level. Council will collaborate with local government organisations, non-government organisations (NGO) and other key stakeholders to progress national activity on resource efficiency and waste management issues. This may include advocating for product stewardship schemes for challenging waste streams (e-waste, tyres, packaging, rural waste), highlighting the role of other national policy including application of the waste levy and regulation of waste management activity.

Whangarei District Council have supported Local Government New Zealand remits put forward in 2016 and 2018 calling for mandatory product stewardship.

Staff believe that Council should submit feedback to the current consultation supporting the declaration of priority products for all the proposed product groups as well as the proposed guidelines for priority product stewardship schemes.

Consultation Questions

Do you agree with the proposed scope for priority product declarations for the following six product groups?

1. **End-of-life tyres** (motorised vehicle tyres / bicycles and non-motorised equipment)
2. **Electrical and electronic products** (rechargeable batteries/ all batteries / all e-waste)
3. **Agricultural chemicals and their containers** (chemicals in plastic containers up to and including 1000 litres in size that are used for:
 - 1) any horticulture, agricultural and livestock production, including veterinary medicines
 - 2) industrial, utility, infrastructure and recreational pest and weed control
 - 3) forestry
 - 4) household pest and weed control operations
 - 5) similar activities conducted by or contracted by local and central government authorities.
4. **Refrigerants and other synthetic greenhouse gases** (refrigerants / methyl bromide and products containing these gases)
5. **Packaging** (beverage packaging / single-use plastic consumer goods packaging)
6. **Farm plastics** (plastic wrapping materials used for silage or hay / plastic packaging used for agricultural and horticultural commodities / other plastic packaging and products used for agriculture and horticulture including)

Ministerial guidelines for priority product stewardship schemes

- 7. Proposed guidelines** (Additional guidelines to ensure robust priority product stewardship schemes are proposed, including greater safeguards for public accountability on producer fees, expenditure and waste minimisation outcomes. These guidelines would apply to each of the six proposed priority product groups described. Under section 15 of the WMA, before accrediting a scheme, the Minister must be satisfied that it is consistent with any guidelines. The Minister may accredit a product stewardship scheme that is not consistent with any section 12 guideline if Waste Advisory Board advice has been obtained and considered before accreditation.)

5 Significance and engagement

The decisions or matters of this Agenda do not trigger the significance criteria outlined in Council's Significance and Engagement Policy, and the public will be informed via Agenda publication on the website.

6 Attachment

Submission

Toggle navigation Submissions

- [Staff login](#)

Please review your submission

Your submission is shown below. Please review your submission and then click Submit when you are ready, or Edit if you need to make changes.

Your submission will not be sent until you click the submit button below.

David Lindsay, **Whangarei District Council (David Lindsay)**

Private Bag 9023 Whangarei

Northland

New Zealand

Ph: 094304200

david.lindsay@wdc.govt.nz

Reference no: 397

Submitter Type: Local Government

Overall Position: Support

Clause

Q1(a): Do you agree with declaring as priority products: all pneumatic (air-filled) tyres and certain solid tyres for use on motorised vehicles (for cars, trucks, buses, motorcycles, all-terrain vehicles, tractors, forklifts, aircraft and off-road vehicles). Why? Why not?

Position

Yes

Notes

Clause

Q2(b): Do you agree with declaring as priority products: all pneumatic and solid tyres for use on bicycles (manual or motorised) and non-motorised equipment. Why? Why not?

Position

Yes

Notes

Clause

Q2(a): Do you agree with declaring as priority products: all large rechargeable batteries designed for use in electric vehicles, household-scale and industrial renewable energy power systems, including but not limited to lithium-ion batteries. Why? Why not?

Position

Yes

Notes

Clause

Q2(b): Do you agree with declaring as priority products: all other batteries (eg, batteries designed for use in hand-held tools and devices). Why? Why not?

Position

Yes

Notes

Clause

Q2(c): Do you agree with declaring as priority products: all categories of waste electrical and electronic equipment (WEEE) defined in Annex II of European Directive 2012/19/EU (eg, 'anything that requires a plug or a battery to operate'). Why? Why not?

Position

Yes

Notes

Clause

Q3(a): Do you agree with declaring as priority products ? Chemicals in plastic containers up to and including 1000 litres in size that are used for: horticulture, agricultural and livestock production, including veterinary medicines, industrial, utility, infrastructure and

recreational pest and weed control, forestry, household pest and weed control operations, similar activities conducted by or contracted by local and central government authorities? Why? Why not?

Position
Yes
Notes

Clause
Q4(a): Do you agree with the declaring as priority products: all gases used for heating, cooling and air conditioning that are ozone depleting substances under the Ozone Layer Protection Act 1996 and/or synthetic greenhouse gases under the Climate Change Response Act 2002, and products containing these gases. Why? Why not?

Position
Yes
Notes

Clause
Q4(b): Do you agree with the declaring as priority products: methyl bromide and products containing this gas. Why? Why not?

Position
Yes
Notes

Clause
Q5(a): Do you agree with declaring beverage packaging as priority products: packaging used to hold any beverage for retail sale that has more than 50 millilitres and less than 4 litres of capacity, made of any material singly or in combination with other materials (eg, plastic, glass, metal, paperboard or mixed laminated materials). Why? Why not?

Position
Yes
Notes

Clause
Q5(b): Do you agree with declaring single-use plastic consumer goods packaging as priority products: packaging used for consumer goods at retail or wholesale level made of plastic resin codes 1, 2, 3, 4, 5, 6 or 7, singly or in combination with one or more of these plastics or any non-plastic material, and not designed to be refilled. Why? Why not?

Position
Yes
Notes

Clause
Q6(a): Do you agree with declaring as priority products: plastic wrapping materials used for silage or hay, including but not limited to baleage wrap, hay bale netting, baling twine, and covers for silage pits. Why? Why not?

Position
Yes
Notes

Clause
Q6(b): Do you agree with declaring as priority products: plastic packaging used for agricultural and horticultural commodities including but not limited to fertiliser sacks, feed sacks, and bulk tonne bags made from woven polypropylene and/or polyethylene. Why? Why not?

Position
Yes
Notes

Clause
Q6(c): Do you agree with declaring as priority products: other plastic packaging and products used for agriculture and horticulture including, but not limited to, protective nets, reflective ground covers, and rigid plastic containers other than containers for agrichemicals, detergents, lubricants or solvents. Why? Why not?

Position
Yes
Notes

Clause
Do you agree with the proposed guidelines for priority product stewardship schemes outlined in table 3 of the public consultation document? Why? Why not?

Position
Yes
Notes

You have elected to withhold your personal details from publication.

[Supporting documents for your Submission](#)



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Detailed Preview

4.2 Seal Extension Programme 2019

Meeting: Infrastructure Committee
Date of meeting: 12 September 2019
Reporting officer: J Devine Strategy & Planning Manager, NTA.

1 Purpose

To seek the Committees endorsement of the proposed Seal Extension Prioritisation Guidelines and approval of the proposed seal extension programme for 2019.

2 Recommendations

That the Committee:

1. Approves the Seal Extension Prioritisation Guidelines (August 2019)
2. Approves the proposed Seal extension Programme for 2019.
3. Sets the ratepayer contribution rate for Ratepayer Subsidised Seal Extension projects at \$4,000-00 plus Gst per property in the area of benefit.

3 Background

The Infrastructure Committee resolved to form a Seal Extension Working party to develop a prioritisation process for Council to determine the priorities for seal extension projects going forward as part of the 2018-21 LTP process. It was agreed that the working party would consist of Councillors Greg Martin, Shelley Deeming, Crichton Christie and Stu Bell. The working party was to report back to the Infrastructure Committee.

4 Discussion

Council allocated \$1M annually over the three years of the 2018-21 LTP for seal extensions, however Council allocated \$2M of that funding to Sealing Wright Rd which was completed in 2018. In the 2019/20 Annual Plan, Council has allocated a further \$2M to seal extensions making a total \$3M budget available for the 2019/20 programme.

The Working party met in October 2017 and again in August 2019, and the deliberations from the working party were presented to the Infrastructure Committee in the Infrastructure Update meeting on 12 September 2019.

4.1 Objectives

The Working Party considered the following objectives for a seal extension programme all in accordance with Council's Strategic Seal Extension Policy (Policy 0069).

- Completing the sealing of rural arterial routes (likely no subsidy),
- Sealing of roads with high numbers of heavy commercial vehicles generally for mitigating dust/health effects, (possible subsidy – but not likely under current NZTA rules).
- Sealing roads under the ratepayer subsidised seal extension scheme, generally rural residential areas, (no NZTA subsidy but with contributions from residents).
- Dust seals generally 100m seal strips to protect individual houses for dust/health effects on roads with heavy commercial vehicles, maintenance seals to reduce Council's maintenance costs, i.e. traction seals, (possible subsidy but not likely under current NZTA rules. Currently no ratepayer contribution is required`).

4.2 Preferred Option

The consensus of the Working Party on the preferred option is to promote Ratepayer Subsidised Seal Extension projects, plus possibly one or two Dust seals if sufficient funding is available in any one year.

4.3 Ratepayer Contribution

The Working party considered the level of contribution to be paid by the residents; At an average of 20 properties per kilometre, and an average cost of \$400,000 per km for seal extension the % of a project raised by ratepayer contribution would be:

Total Ratepayer Contribution	Annual Charge	% of total project	Comments
\$2,500 plus GST	\$500 + GST	12.5%	Existing contribution
\$3,000 plus GST	\$600 + GST	15 %	Current payment term 5 yrs. interest free
\$4,000 plus GST	\$800 + GST	20 %	Added to annual rates a/c
\$5,000 plus GST	\$1,000 + GST	25 %	
\$6,000 plus GST	\$1,200 + GST	30 %	
\$10,600 plus GST	\$2,120 + GST	53 %	Equivalent to NZTA subsidy

The current policy (2015), is that each property pays \$2,500 plus GST, regardless of the number of properties on the road. So, in some circumstances the funding raised can be as little as \$30,000 (4.6%) on a \$650,000 project e.g. for Old School Rd.

The Working Party generally agreed that the current contribution rate is too low and recommended that Council consider a contribution rate of \$4,000 plus GST per property.

4.4 Prioritisation Process

The prioritisation process is based on the Auckland Transport Seal Extension Guidelines. The guidelines are similar to many other Council's seal prioritisation policies, and are based on criteria including traffic volumes, heavy vehicles, accidents, maintenance costs, no. of houses, and Regional and local values, e.g. schools, halls etc.

The Seal Extension Prioritisation Guidelines are attached to this agenda and are provided to the Committee for consideration and adoption.

Staff have run the prioritisation process on the roads in Council's unsealed roading network in four different Models using the Guidelines methodology:

- a) Model 1 All roads
- b) Model 2 Only potential Ratepayer Subsidised Seal Extension roads
- c) Model 3 Only potential 100m dust coat seals on roads with heavy traffic

And separately;

- d) Model 4 potential dust coat seals using NZTA funding criteria, similar to what was approved for Wright Road so far.

A shortlist of potential roads for consideration for the 2019 seal extension programme has been prepared and is attached to this agenda item based on the Working Parties preference for Ratepayer Subsidised and Dust Coat Seal projects.

The shortlisted roads priority has been assessed on two Options:

Option 1 Highest priority (technically) for roads meeting the available budget

Option 2 Highest priority roads taking into account

- Regional spread of projects across the District
- Meeting Ratepayer demand/ expectations
- Meeting Council demand to reduce maintenance costs and customer complaints regarding LOS. On these roads.
- Meeting the available budget
- Allowing some projects to be completed this summer's construction season.

It is the recommendation of the Working Party that Option 2 roads should be presented to the Committee for approval for the 2019 Seal Extension Programme. Those roads are:

2019 Proposed Seal Extension Programme

Road	WDC Ranking	Length (m)	No of houses	AADT	Cost \$'000s	Comment
Brooks Rd	46	2,000	54	500	\$800	Ratepayer
Massey Rd	43	1,500	53	318	\$600	Ratepayer
Franklin Rd	41	500	49	294	\$200	Maintenance hill section
Nook &	36	829	27	200	\$332	Ratepayer
Tahunatapu Rd	41	1,091	32	192	\$436	Ratepayer
Attwood Rd	36	1482	32	180	\$593	Ratepayer
Ody Rd	36	219	21	150	\$88	Maintenance hill section
Thorburn Rd	25	252	6	50	\$101	Maintenance section

TOTAL		7.8 km			\$3,150	
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It is unlikely now that the full programme of works can be completed this coming summer construction season. Council is required to consult with the residents and develop ratepayer agreements for funding for each of these projects, after the projects have sufficient detailed design to present the residents with a confirmed detail project cost. The simpler projects will be fast tracked for completion this summer, projects with approved Ratepayer agreements will be constructed first and the remainder of the programme will be carried forward to the 2020/21 year.

Subsidy for these projects will be applied for where possible and completion of the total programme will depend on total completed costs of each project.

5 Significance and engagement

The decisions or matters of this Agenda do not trigger the significance criteria outlined in Council's Significance and Engagement Policy, and the public will be informed via the publication of this agenda on the Council website.

6 Attachments

- 1 Seal Extension Prioritisation Guidelines (August 2019)
- 2 Proposed Seal Extension Programme Shortlist (August 2019)

Seal Extension Guidelines

1 Purpose and Scope

The seal extension programme is funded through the LTP/RLTP. All projects within the RLTP programme are prioritised using criteria based on their strategic fit, effectiveness and economic efficiency and compete against each other for funding. There is a further prioritisation process so that the most critical to complete seal extensions are carried out before the less critical ones. Subject to seal extension funding being included in the Annual Plan, these Guidelines set out the prioritisation criteria and methodology for assessing the relative merits of competing seal extension projects to determine how the funding allocated in the Annual Plan should be used.

The Guidelines take into account environmental factors such as dust by considering adjacent amenities as well as social factors through the number of adjacent dwellings and incidents associated with an unsealed road.

The Guidelines will assist Council with:

- Prioritising seal extension requests received by Council from residents,
- Developing the seal extension forward work programme,
- Applications to NZTA for funding (where applicable).

2 Guidelines

The Guidelines describe the assessment process that Council uses to prioritise unsealed roads currently being considered for sealing. The outcome of the process is a ranking of the unsealed roads against the available budget identified in the Annual Plan. The process involves assessing the unsealed roads to identify the number of dwellings that may benefit from the seal extension, the amenities that are in close proximity and road safety.

In general seal extensions will be given a higher priority where;

- a) The benefits associated with sealing the road are likely to be sufficient to gain a subsidy from NZTA,
- b) The road proposed for seal extension is a special case where the Council has resolved to fully fund the seal extension (i.e. maintenance seals).

If neither of the two above criteria applies for the seal extension, the road will be assessed using the following process:

Assessment process

A two stage assessment process is proposed:

- An assessment of the physical characteristics of the road to develop a shortlist of projects,

- And then a process of Regional and local priority adjustment to develop the Annual seal extension programme.

Stage 1 – Physical Characteristics

The unsealed roads being considered in any given year are assessed using Table 1 to produce a numerical ranking score.

Table 1: Assessment Criteria and scoring for the physical characteristics of unsealed roads.

Traffic Movements (AADT)	Score	Heavy Commercial Vehicles¹ (% HCV)	Score	Dwellings/km (<100m from road)	Score
1 - 50	2	1 – 5	2	1 – 2	1
51 - 100	4	6 – 10	4	3 – 4	2
101 - 200	6	11 – 15	6	5 – 10	3
201 – 500	8	16 – 20	8	11 – 15	4
➤ 500	10	➤ 20	10	16 – 20	5
				➤ 20	6
Score:		Score:		Score:	
Accidents² (DSI)	Score	Maintenance³ (Activity/Km)	Score	Amenities⁴	Score
1	1	Pot holes / grading <10ph / <1.5km	1	1 – 2	1
2 – 3	2		2	3 – 5	2
4 – 5	3	<26ph / <3.5km	3	6 – 10	3
6 – 10	4		4	>10	4
➤ 10	5	>27ph / >3.5km	5		
Score:		Score:		Score:	
Total Score⁵:					

1. HCV is recorded as a % of the AADT and represents movements of a vehicle with a gross vehicle mass of greater than 3.5 tonnes / axle.
2. Accidents, refers to the documented number of serious safety incidents or accidents that have occurred on the unsealed road in the previous five years.
3. Maintenance costs on the unsealed road are represented by the number of potholes repaired and the length of grading/month undertaken in the previous five years.
4. Amenities refers to amenities less than 100m from the road where dust may be a nuisance factor and include:
 - a community hall, place of worship or significant reserve, or
 - a place of work (dairy shed or commercial premises), or
 - the road forms part of a school bus route, or
 - orchard or food crops, or
 - a residential house.
5. The Total Score is the sum of scores of the six factors in the table.

The weightings for vehicle movements and heavy vehicles have been incised in the assessment to reflect usage and potential damage to the unsealed road which impacts on

the level of routine maintenance required. Any spurious or unreliable traffic data should be validated.

Commercial activities, tourism and associated events will be reflected in the scores assigned to Traffic Movements and Amenities.

Stage 2 - Regional and Local Priority Adjustment

The total score determined through stage 1 of the assessment is then adjusted for the regional and local value sealing the road:

1. High Priority Value – Total Score + 30%
 - Sealing an unsealed through route or diversion route
 - Improves access to regionally significant amenity
 - Improves access to identified growth areas
 - Promotes economic growth/tourism such as completion of a scenic route
 - Promotes significant improvements to water quality in sensitive catchments or marine environments
2. Medium Priority – Total Score + 15%
 - Improves access to a local significant amenity
 - Improves access to a local Community amenity reducing community isolation
 - School bus route
3. Low Priority Value – Total Score + 0%
 - All other unsealed roads
 - Roads that have significant physical or economic barriers to undertaking seal extension works

Using the two stage assessment process described above, the prioritised seal extension short list identifies the initial priority of roads for sealing. A further refinement of priorities within the highest priority roads will be carried out during the programming, feasibility, and design phases to create a final programme of seal extension projects.

3 Monitoring and Review

These Guidelines will be reviewed as part of the 3 year review cycle aligned to the LTP.

4 Document Status

Owner (contact for updates etc)	J Devine , Planning & Strategy Manager, NTA
Department	Infrastructure
Version No.	1.0
Issue Date	August 2019
Review Date	August 2020
Document ref No.	

Seal Extension Programme Shortlist 2019

Road		WDC Ranking	Ratepayer Request	Dust Coat Request	NZTA Ranking	No. houses	AADT	General assessment	Total length m	Proposed length m	Proposed Programme			Comment
											\$cost	Option 1	Option 2	
1	Prescott	53	yes		14	41	156	medium	1894	1894	\$758	\$758		Maintenance savings
2	Rockell	53	yes			15	90	medium	2182	2182	\$873	\$873		Maintenance savings
3	Glenmohr	52	yes	yes	11	11	200	low	1020	1020	\$408	\$408		will complete route
4	Owhiwa	50	yes	yes	13	41	260	low	2198	2198	\$879	\$879		Ratepayer request
5	Snooks	49	yes	yes	11	18	108	low	2427	2427	\$971			will complete route
6	Brooks	46	yes		15	54	500	high	5800	2000	\$800		\$800	Maint & Ratepayer
7	Otuhi	45	yes			35	210	low	4667	2000	\$800			Ratepayer request
8	Ormandy	44	yes		14	33	198	low	1531	1531	\$612			Ratepayer request
9	Massey	43	yes		15	53	318	high	3079	1500	\$600		\$600	Maint & Ratepayer
10	Millbrook	43	yes	yes	14	6	230	low	1108	1108	\$443			Ratepayer request
11	MCLEAN RD	42	yes	yes	10	15	250	medium	1510	1510	\$604			will complete route
12	Ngunguru Ford	42	yes		11	67	402	low	2500	2500	\$1,000			Ratepayer request
13	Franklin	41	yes	yes		49	294	medium/low	1619	500	\$200	\$200	\$200	Maintenance savings
14	Tahunatapu	41	yes			32	192	low	1091	1091	\$436		\$436	Ratepayer request
15	Sandford	39	yes	yes	13	20	120	low	677	677	\$271			Ratepayer request
16	Pigs Head	39	yes	yes	12	32	192	low	5486	2000	\$800			Ratepayer request
17	Haywood	39	yes			30	180	low	425	425	\$170			Ratepayer request
18	Helmsdale	38	yes	yes	13	25	150	medium	3000	2189	\$876			Ratepayer request
19	Whananaki South	37			10	58	200	low	1111	1111	\$444			Maintenance savings
20	Mountain View	37	yes		13	27	162	medium	718	718	\$287			urban unsealed
21	Attwood	36	yes		13	32	180	high	1482	1482	\$593		\$593	Ratepayer request
22	Nook	36	yes			27	200	low	829	829	\$332		\$332	Ratepayer request
23	Ody	36		yes	13	21	150	medium	319	219	\$88		\$88	Maintenance savings
24	Cotton	35			11	5	100	low	339	339	\$136			Ratepayer request
25	Knight	35			12	3	150	low	7000	2000	\$800			Ratepayer request
26	Waiotoi	35	yes		12	33	150		1959	1100	\$440			Ratepayer request
27	Gomez	35		yes	10	24	150	low	2570	2570	\$1,028			Ratepayer request
28	Going	35	yes	yes		25	120	medium	834	834	\$334			Ratepayer request
29	Main	35		yes	12	12	150	low	1413	1000	\$400			Ratepayer request
30	Puketotara	35	yes			20	120	low	549	549	\$220			Ratepayer request
31	Gumtown	34	yes			32	200		2381	2381	\$952			Ratepayer request

32	Campbell	33				35	200		3499	2000	\$800			Ratepayer request
33	Finlayson Brook	34	yes			15	90	low	8600	2000	\$800			Ratepayer request
34	Ormiston	34	yes			19	120	medium	7900	2385	\$954			Ratepayer request
35	Otakairangi	34		yes	11	37	95	low	12000	1600	\$640			Ratepayer request
36	Pyle Rd East	33			14	17	116	low	2604	2604	\$1,042			Ratepayer request
37	Jubilee	33		yes	11	13	120	low	8100	2000	\$800			Ratepayer request
38	Waipu Caves	32				0	90	low	2174	2174	\$870			Ratepayer request
39	Gray	32		yes	10	18	150		2430	2430	\$972			Ratepayer request
40	Pukenui	31	yes	yes		19	114	low	1348	1348	\$539			Ratepayer request
41	Waiotoi	28	yes		12	20	120	low	2000	1100	\$440			Ratepayer request
42	Lovell	28				5	70	low	2257	2257	\$903			Ratepayer request
43	Kohinui	26				0	80	low	1375	1375	\$550			Ratepayer request
44	Lamb	26	yes	yes	13	7	80	low	631	631	\$252			Ratepayer request
45	Tudehope	26				20	60	medium	902	902	\$361			Ratepayer request
46	Thorburn DC	25		yes		6	50	medium	252	252	\$101		\$101	Maintenance savings
47	Monk	11				0	30	low	1135	1135	\$454			Ratepayer request
									Total	120,925	70,077	\$28,031	\$3,118	\$3,149
												length	7.8 km	7.8 km

4.3 Temporary Road Closure – Kamo Christmas Parade 2019

Meeting: Infrastructure Committee
Date of meeting: 12 September 2019
Reporting officer: Petra Gray (Community Events Coordinator)

1 Purpose

To seek approval of the proposal to temporarily close roads, to allow the Kamo Christmas Parade to be held on Saturday 30 November 2019

2 Recommendations

That the Infrastructure Committee,

1. Approves the proposal to temporarily close the following roads to ordinary traffic for the Kamo Christmas Parade on the following date in accordance with the Transport (Vehicular Traffic Road Closure) Regulations 1965.

Saturday 30 November 2019

Kamo Road, from the intersection of Meldrum Street and Station Road to Wakelin Street, from 8:00am to 2:00pm.

Boswell Street, from Grant Street to Station Road restricted one way 30kmp only zone, from 8:00am to 2:00pm

Station Road, from Boswell Street to Kamo Road, from 9:00am to 1:00pm.

Three Mile Bush Road, from Super Liquor entrance to the traffic lights, from 9:00am to 1:00pm.

2. Approves the proposal to temporarily close the side roads off the roads to be closed for up to 100 meters from the intersection for safety purposes.
3. Delegates to the Chair of the Infrastructure Committee and General Manager Infrastructure the power to give public notice of these proposed temporary closures, to consider any objections and to either approve, cancel or amend any or all of the temporary road closures if applicable.

3 Background

The Kamo Christmas Parade is an annual event organized by Kamo Community Inc. celebrating the community and the festive season, the event includes a street festival with a parade of vehicles, floats and pedestrian groups.

This event brings the wider community together, providing an opportunity for the display and promotion of local business, clubs and groups.

4 Discussion

Consultation with the occupants of affected premises within the closure will be undertaken by the Kamo Community Inc. Marketing and promotion of the event by the Kamo Community Inc will assist in ensuring the public and the wider community are aware of the event and the associated road closures.

Kamo Community Inc have decided to extend the road closures for 2019 event to further improve the safety of their event.

A suitable company with qualified personnel has been engaged by Kamo Community Inc to submit a traffic management plan to council for approval prior to the event for implementation on the day.

The organisers are experienced in running this event and work to bring together a fun and safe event for the community.

4.1 Risks

The temporary road closures eliminate the traffic associated risks and ensure the event can be managed safely.

The event personnel are located along the parade route and will be on hand throughout the parade to ensure safety of participants and spectators.

5 Significance and engagement

The decisions or matters of this Agenda do not trigger the significance criteria outlined in Council's Significance and Engagement Policy, and the public will be informed via [Agenda publication on the website, Council News, Facebook and marketing by the event organisers.

6 Attachment

1. Kamo Christmas Parade Road Closure – Letter to Council 2019.



Kamo Community Inc
P O Box 4234,
Kamo 0141

Petra Gray
Community Events Coordinator
Whangarei District Council

12th August 2019

Dear Petra,

On behalf of Kamo Community Inc we would like to apply for road closures as designated below for the purposes of the Kamo Christmas Parade to be held on Saturday 30th November 2019.

Kamo Christmas Parade Road Closure Plan

Temporary road closures requested:

- **Kamo Road**, from the intersection of Meldrum St and Station Rd to Wakelin St, from 8.00am to 2.00pm. for the set-up, operation and clean up for the Christmas Festival.
- **Boswell St** from Grant St Station Rd restricted one way 30 kmp only zone.
- **Station Road**, from Boswell Street to Kamo Road, from 9.00am to 1.00pm
- **Three Mile Bush Rd**, from Super Liquor entrance to Traffic Lights from 9.00am to 1.00pm

Kamo Community Inc intend to hold a street festival for the duration, with the following timeline:

- Close Kamo Rd for entertainment from 8.00am to set up and commence entertainment from 9.30am.
- From 8.00am, Boswell Street, from Grant Street to Station Road, will be reduced to one-way traffic (northbound) with a temporary speed limit (30 km) to enable the Parade to assemble. This will provide a safe environment for the increased number of pedestrians participating in the parade.
- Station Rd from Boswell St to the Traffic lights from 9.00am. to assemble motorcycles and the start of the parade vehicles.
- Parade will move off at 12.00 noon down Station Road, left into Kamo Road.
- The parade will proceed down Kamo Road turning left into Wakelin St disperse in Wakelin St.
- The original closure of Kamo Road to Wakelin Street will be maintained until 2.00pm for the festival to continue which would include half an hour for clean-up.



Kamo Community Inc
P O Box 4234,
Kamo 0141

- Road access will be allowed as soon as we have cleared with the parade and clean up.
- As part of the Christmas Festival a stage will be erected for entertainment facing Kamo Road for the duration.

Closure Plan

As per accompanying map

- Stage 1 **8.30am to 2.00pm**
Close Kamo Rd from Three Mile Bush Road/Station Road/ Meldrum St to Wakelin Street.
Three Mile Bush Rd from traffic lights to Super Liquor entrance.
- Stage 2 **8.00am to 1.30pm**
Restricted access for Boswell Street from Grant St to Station Road for one-way traffic slowed to 30kmh in a northerly direction for the set up and breakdown of floats. **A SAFETY MEASURE WITH PEOPLE MILLING AROUND.**
- Stage 3 **9.00am to 12.30pm**
Station Rd from Boswell St to traffic lights for Motor cycle/classic car show in front of Coalie's a request from public to view the bikes and cars prior to the parade.
- Stage 4 **11 noon to 1.00 pm**
Parade Route – commencing 12.00am lasting approximately 50 – 70 minutes only.

Detours from north to south via Meldrum, Boswell to Station Rd; east/ west via Farmers Rd, Wakelin St, Wilkinson St , Clark Rd.

Yours Sincerely

Colin Twyman

Colin Twyman
On behalf of Kamo Community Inc.

4.4 Para Kore Project Memorandum of Understanding

Meeting: Infrastructure Committee
Date of meeting: 12 September 2019
Reporting officer: David Lindsay (Senior Solid Waste Engineer)

1 Purpose

To inform Councillors about a Memorandum of Understanding and funding support for the Para Kore Zero Waste education project in our District.

2 Recommendation

That the Infrastructure Committee endorses the Para Kore Memorandum of Understanding.

3 Background

Para Kore delivers education and training on marae that aligns with the principles of a circular economy by eliminating waste so that as little as possible goes to landfill and educating how to reduce plastic and recycling. As a Māori organisation, Para Kore is grounded in relationships with whakapapa to Papatūānuku, Ranginui me ō rāua uri. Para Kore means Zero Waste.

The Para Kore programme is designed to support marae, kōhanga reo, kura and community organisations to reduce waste. Locally based educators empower and support marae and organisations across Aotearoa New Zealand to work towards zero waste, through the delivery of innovative education and support within the frameworks of kaupapa and tikanga Māori.

The Ministry for the Environment has recently announced financial support for the expansion of the Para Kore Zero Waste education project to include Māori communities in Te Tai Tokerau. The Ministry will provide the majority (80%) of the funding for the project.

Whangarei District Council staff have agreed to provide a \$3,000.00 contribution for each of the next three years to help fund the project. The budget will come from the Council's Waste Levy Fund. A \$10 levy on each tonne of waste sent to landfills is collected from landfill operators. Half of the money collected through this waste disposal levy is paid to territorial authorities to be used to promote or achieve waste minimisation.

4 Significance and engagement

The decisions or matters of this Agenda do not trigger the significance criteria outlined in Council's Significance and Engagement Policy, and the public will be informed via Agenda publication on the website.

5 Attachment

Attachment 1 - Para Kore Project Memorandum Of Understanding



Para Kore ki Te Taitokerau

A Waste Minimisation Fund Project

Purpose of this Agreement

This document formalises the agreement between Para Kore Marae Incorporated and the **Whangarei District Council** in relation to the Whakamaui Kia Tina Waste Minimisation Fund Project (hereafter referred to as the 'Para Kore Project').

The purpose of this Agreement is to define the responsibilities of each of the Parties and to ensure that the Parties work together in an effective and positive manner to achieve the joint objectives of the Para Kore Project.

1. Parties to this Agreement

This Agreement is between Para Kore Marae Incorporated (Para Kore) and the **Whangarei District Council**

The overall role of each organisation in relation to the project is:

- 1.1 Para Kore, under the terms of this Agreement, has overall responsibility and governance for the Para Kore Project. Para Kore is responsible for the delivery of project objectives as stated in the project plan and agreed to by the Ministry for the Environment.
- 1.2 The **Whangarei District Council**, under the terms of this Agreement, are responsible for providing an annual financial contribution and in-kind support towards the project.

2 Relationship Principles

The Parties to this Agreement agree to the following relationship principles:

- 2.1 To co-operate in a fair, transparent and honest way at all times;
- 2.2 To establishing (or maintaining) an interactive and positive relationship;

- 2.3 To provide sound advice and information wherever possible to assist each other;
- 2.4 To work together in good faith to achieve the purpose of this Agreement; and
- 2.5 To endeavour to recognise and take into account legal rights and obligations of the other Party.

3 Terms of the Agreement

Para Kore will:

- 3.1 employ a part-time Para Kore Waste Advisor for **Te Tai Tokerau**
- 3.2 provide training and support to the Para Kore Waste Advisor;
- 3.3 provide and set-up as necessary, templates, waste and recycling trackers, logs and other documents for the Waste Advisor;
- 3.4 provide branding and educational resources for delivery of the programme to marae and organisations and;
- 3.5 purchase and provide recycling crates, bins and signage for use at marae and organisations.

The Whangarei District Council will:

- 3.6 provide the agreed financial contribution for the first year (see Appendix One) with the intention of providing financial support for a further two years;
- 3.7 support the Waste Advisors with relevant information regarding waste and recycling infrastructure or Māori networks and hui within the region as required, if qualified to do so;
- 3.8 invite the Waste Advisor to meetings for updates as required;
- 3.9 provide opportunities for staff to be involved in the Para Kore Support Committee and;
- 3.10 offer strategic direction and advice as required to the Waste Advisors and Advisor Manager (Dorina Paenga) to support successful delivery of project objectives.

Para Kore Marae Incorporated and the Whangarei District Council agree:

- 3.11 to undertake relationship building with key stakeholders whenever possible with the aim of successfully meeting the goals of the Para Kore project and;
- 3.12 to be available to provide support, mentoring and advice as needed to the Para Kore Waste Advisor.

4 Termination

This Agreement may be terminated by either party by written notice to the other party giving one month's notice of the date of termination.

5 Disputes

Each party will enter into negotiation in good faith to resolve any disputes.

The term of this agreement is from 1 July 2019 until 30th June 2022 subject to earlier termination in accordance with this Agreement.

Date:

Signed:

Name: Dorina Paenga, Advisor Manager, (Para Kore Marae Incorporated)

Date:

Signed:

Name:

Appendix One Contribution

Funding information: Para Kore ki Te Tai Tokerau	Year One	Year Two	Year Three
External Partners (see below)	\$11,000.00	\$11,000.00	\$11,000.00
WMF contribution (approved amount)	\$44,000.00	\$44,000.00	\$44,000.00
Total cost of project	\$55,000.00	\$55,000.00	\$55,000.00
WMF share of costs	80%	80%	80%

Para Kore ki Te Tai Tokerau		
	Total over 3 years	Year 1
Te Rūnanga ā Iwi o Ngāpuhi	\$6,000	\$2,000.00
Ngātiwai Trust Board	\$6,000	\$2,000.00
Whangarei District Council	<i>\$9,000 (to be confirmed)</i>	<i>\$3,000.00 (to be confirmed)</i>
Far North District Council	\$6,000	\$2,000.00
Foundation North	<i>\$6,000 (to be confirmed)</i>	\$2,000.00
TOTAL CONTRIBUTION		\$11,000

5.1 Contracts Approved Under Delegated Authority

Meeting: Infrastructure Committee
Date of meeting: 12 September 2019
Reporting officer: Simon Weston (General Manager Infrastructure)

1 Purpose

For the Infrastructure Committee to note Infrastructure contracts awarded under Chief Executive and General Manager delegated authority

2 Recommendation

That the Infrastructure Committee note the Infrastructure contracts awarded under Chief Executive and General Manager delegated authority.

3 Background

Table 1 (below) records Infrastructure contracts awarded under Chief Executive and General Manager delegated authority. Attachment 1 provides a summary of the award process for each contract and a brief description of the works being undertaken

Table 1: Infrastructure Contracts Awarded Under Delegated Authority

1. Waste and Drainage	
CON19011	Variation to Contract: Waihara Stormwater Wetland Upgrade
CON19025	Recycling Crate Supply
2. Parks and Recreation	
CON18050	Town Basin Park Playground Design and Build
CON19024	Parua Bay Sportsfield Drainage

4 Significance and engagement

The decisions or matters of this Agenda do not trigger the significance criteria outlined in Council's Significance and Engagement Policy, and the public will be informed via Agenda publication on the website

5 Attachment

1. Summary of Contracts Approved Under Delegated Authority September 2019

Summary of Contracts Approved Under Delegated Authority

This attachment provides a summary of the award process and works being undertaken for Infrastructure contracts awarded under Chief Executive and General Manager delegated authority.

1.0 Waste and Drainage

CON19011

Variation to Contract: Waihara Stormwater Wetland Upgrade

Purpose

Approval was originally sought and approved by two requests (26 July 2019 and 14 August 2019) to increase the original contract price of CON19011 for Waihara Stormwater Wetland Upgrade to \$352,976.11 excluding GST. These two requests have been amalgamated into a single concise document for reporting.

Background

This Contract is for the upgrade of the wetland area located at the end of Rawhiti Street in Morningside. It was awarded to Earthworx Civil and Rural Contractors in May 2019. The original contract value was \$145,752.24 excluding GST.

Approval is sought to increase the Contract price to \$352,976.11. This is sought for the following reasons:

1. Schedule of Prices contained several errors:
 - Incorrect size and length of pipework to be installed.
 - New infrastructure (i.e. pipes, manhole) and landscape elements (topsoil) and implementation of construction safety plan (i.e. safety fence, traffic management) were missing from the schedule of quantities.
2. The design proposed the installation of two gabion walls which would have increased the water level in the upstream Kaka channel, increasing the risk of localised flooding. To eliminate the risk a redesign was required. The new design detailed more rip rap along the stream edges and increased the volume of earthworks. It is anticipated that this redesign will save on operational costs due to the reduction in occurrence of blockages to the downstream grille.
3. Pre-existing issues needed to be managed through redesign.
4. The volume of contaminated soil to be removed and disposed of at a suitable landfill site was not quantified and, the water laden nature of these soils was not considered. This increased disposal tonnages at a suitable landfill site. The Contractor has supplied all truck dockets, and these have been verified. It should be noted that to our knowledge there is no-where in Whangarei that can dewater and capture contaminated water for disposal at a wastewater treatment plant, which may have reduced the tonnage of material needing to be carted to the landfill site.

Financial

The project is funded from the LTP Stormwater Treatment programme. A breakdown of costs for the whole contract is provided in the following table:

DESCRIPTION	AMOUNT (EXCL. GST)
Original contract value (incl. contingency)	\$ 145,752.24
Total Revised contract value	\$ 352,976.11
Total Contract Variance	\$ 207,223.87

The project started in June 2019, and the value of works completed by the end of June was \$94,745.20. This left \$39,522.80 in the 18/19 budget. This was carried over to the 2019/20 financial year. The remainder of the contract works (\$258,230.91) will be paid out of this year's revised budget of \$329,522.00.

Chief Executive Approval

It is recommended that the total contract amount for CON19011 for Waihara Stormwater Wetland Upgrade is increased from \$145,752.24 to \$352,976.11 (three hundred and fifty-two thousand, nine hundred and seventy-six dollars and eleven cent) excluding GST.

CON19025 Recycling Crate Supply

Introduction

Contract 19025 is for the supply of recycling crates. 36,000 recycling crates are required for the collection of glass. Ongoing resupply of approximately 3000 crates per annum for both glass and comingled recycling are also required.

Crates need to be delivered to the Northland Waste yard in Rewarewa Road.

Procurement Process

The procurement process followed is set out below.

Stage	Status
Quote Pack issued	19th June 2019
Responses due by	29th June 2019
Evaluation of the three tenders received	2nd July 2019
Recommendation to Leadership	2nd July 2019
Contract Signing	Week of 7 th July 2019

Tenders Received and Evaluated

The tenders were evaluated using the weighted attributes methodology. With the weightings as follows:

Attribute	Weighting (%)
Proven Track Record	30
Price	70

The three tenderers have a similar track record of supplying recycling crates for the collection of recyclable material from the kerbside. Therefore, the tendered price will determine the preferred supplier.

Tenderer	Glass crate price	Glass Crate Restock Price	Comingled Crate Restock Price
Alto	\$9.10	\$9.10	\$10.80
ECP	\$9.00	\$9.93	\$10.25
Sulo	\$7.43	\$7.43	\$9.54

All three quotes include delivery to a nominated depot in Whangarei.

Based on the quoted price Sulo are the preferred supplier. Sulo currently supply the comingled recycling crates to WDC.

Financial

The budget for the contract is available in the Capital Project budget for Recycling Bin Purchase (Project ID 00412). The amount budgeted for 2019/20 is \$650,000.00. The project also covers the cost of delivery of the glass crates to each property which is anticipated to be \$119,000.00 (35,000 properties at \$3.40 each).

Glass crate supply will cost \$267,480.00 (36,000 crates at \$7.43 each).

Supply of the restocking crates will be covered by the operational budget - Recycling 85704 -2739

Chief Executive Approval

The contract for Recycling Crate Supply (CON19025) be awarded to the winning tenderer Sulo for an amount up to \$267,480.00 (two hundred and sixty seven thousand four hundred and eighty dollars) excluding GST.

2.0 Parks and Recreation

CON18050 Town Basin Park Playground Design and Build

Purpose

Approval is sought to increase CON18050 for Town Basin Park Playground Design and Build to \$124,250.00.

Background

This contract is for the design and construction of the new play space in the New Town Basin Park. It was awarded to Numat Group. The original contract amount was \$ 119,217.19.

The equipment and surfacing that Numat provide is relatively new to the New Zealand market, which was part of the original appeal of their design as it would give the park something very different to other parks and playgrounds in the country. Numat have recently discovered that the standard binders used in their surfacing degrades quicker when frequently in contact with treated water, however they have discovered and tested another type of binder that is resistant to the treated water. Due to the location of the playground near the water feature, Numat have recommended that we use the alternative binder at an additional cost of \$4,978.21.

Financial

A summary of the Contract price and variance is as follows;

Description	Amount (excl. GST)
Original contract value	\$119,271.79
Contract Variance	\$4,978.21
Revised contract value	\$124,250.00

The Contract is part of the New Town Basin Park project that has a budget of \$5.2million. The revised contract value is still within the project budget.

Group Manager Approval

It is recommended that the total contract amount of CON18050 for Town Basin Park Playground Design and Build is increased by \$4,978.21 from \$119,271.79 to \$124,250.00 (one hundred and twenty four thousand and two hundred and fifty dollars) excluding GST.

CON19024 Parua Bay Sportsfield Drainage
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Introduction

Two Parua Bay sportsfields need subsoil drainage installation to increase field use. This recommendation is for the procurement of professional services and construction services for design and installation of subsoil drainage.

Procurement Process

The construction budget for this project is \$88,604.00, there is also an allowance for design.

In this simple project, there is little room for innovation. The main contractor requirements are; owning suitable machinery, producing a quality result, completing within the required timeframe and charging a competitive price.

A Dargaville contractor has recently completed a Council project with excellent results in timeframes, quality and cost. This contractor also has the right machinery for sportsfield subsoil drainage installation.

The procurement policy allows for sole sourcing of projects estimated at less than \$100,000.00. Enviro360 Limited was chosen to supply a quote to design and build the drainage. Their good track record and excellent pricing was a factor, there is also a desire to bring more contractors into the market who have the right equipment to complete this work and will encourage more competitive pricing in the future.

Tenders Received and Evaluated

The Enviro 360 tender is conforming.

Tenderer	Price (Excl GST)
Enviro 360 Limited	\$94,400.00
Engineer's Estimate	\$98,000.00

Financial

PJ00470 Parua Bay Field Drainage has \$88,604.00 available. The remaining \$5,796.00 is for design and shall be funded through the sportsfield drainage overall budget line.

General Manager Approval

The contract for Parua Bay Sportsfield Drainage (CON19024) be awarded to Enviro 360 Limited for the tendered sum of \$94,400.00 (Ninety four thousand and four hundred dollars) excluding GST.

5.2 Infrastructure Operational Report – September 2019

Meeting: Infrastructure Committee
Date of meeting: 12 September 2019
Reporting officer: Simon Weston (General Manager Infrastructure)

1 Purpose

To provide a brief overview of work occurring in the current financial year, across services that the Infrastructure Committee is responsible for.

2 Recommendation

That the Infrastructure Committee notes the Infrastructure Operational Report update.

3 Background

In December 2016, Council adopted committee terms of reference for the 2016 – 2019 triennium, with the purpose of the Infrastructure Committee being to ‘oversee the management of Council’s infrastructural assets, utility services and public facilities’.

This report provides the Committee with a summary of Infrastructure operations during July/August 2019.

4 Significance and engagement

The decisions or matters of this Agenda do not trigger the significance criteria outlined in Council’s Significance and Engagement Policy, and the public will be informed via Agenda publication on the website.

5 Attachment

Infrastructure Operational Report – July 2019

Infrastructure Group

Monthly Operational Report

July 2019

Infrastructure Monthly Operational Report

Reporting Officer: Simon Weston (General Manager Infrastructure)

Date: September 2019 Infrastructure Committee Meeting

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Projects Overview

Infrastructure Planning & Capital Works

Planning & Capital Works Projects	Current Stage	Expected Start Date	Expected Completion Date
Major Projects - Sense of Place			
New Town Basin Park	Design	2017	Sep-19
Camera Obscura (3rd party project)	Construction	Oct-19	Apr-20
Bascule Carpark	Construction	Mar-19	Sep-19
Car Park on Pohe Island	Construction	Jan-19	Aug-19
Tamaterau Carparks Upgrade	Design & Consenting	Feb-19	Oct-19
Town Basin Bus Facilities Upgrade	Project Planning	Apr-19	Aug-19
Restoring the Mauri of Matapouri	Project Planning	Jun-19	Aug-19
Major Projects - Parks & Recreation			
Matapouri Beach Restoration	Consenting	Feb-19	Oct-19
Princes Road Seawall Renewal	Consenting	Mar-18	Aug-19
Otaika Sports Park Field Construction	Construction Stage 2	Nov-18	Apr-20
Laurie Hall Park Asset Renewals	Complete	Jan-19	Jun-19
Ruakaka Sports Field Lighting	Construction	Apr-19	Jul-19
Ruakaka Sports Fields Sand Removal	Consenting	Jul-19	Oct-19
Potter Park Playground	Construction	Apr-19	Jun-19
Laurie Hall Park Waterfall Refurbishment	Detailed Design	Feb-19	Aug-19
Mackesy Bush Track Renewal	Construction	Apr-19	Oct-19
Ngunguru Seawall Renewal	Consenting	May-19	Jun-20
Ngunguru Youth Activity Zone	Procurement	Jun-19	Aug-19
Parihaka War Memorial Refurbishment	Construction	Jul-19	Oct-19
Pohe Island Destination Playground	Design	Mar-19	Aug-19
Pohe Island Skate Park	Design	Mar-19	Aug-19
Town Basin Playspace Renewal	Design	Mar-19	Aug-19
Hikurangi and Hukerenui Sportsfield Drainage	Construction	Oct-19	Dec-19
Town Basin Boardwalk Renewals	Investigation	Jul-19	Sep-19
Town Basin Lighting Renewals	Design	Jul-19	Sep-19
Major Projects - Water			
Whau Valley Water Treatment Plant	Construction	Mar-19	Oct-20
Ruakaka WTP Clarifier Upgrade	Construction	Mar-19	Dec-19
Major Projects - Waste & Drainage			
Whangarei WWTP Odour Control	Detailed Design	Mar-19	Sep-19
Whangarei WWTP Consent renewal	Consent renewal	Jun-19	Apr-21
Major Projects – Compliance & Regulatory			
New Animal Shelter	Site Assessment complete	2018	Jul-19
Major Projects - Strategy			
Complete Streets Masterplan – Whangarei City	Professional Services	Feb-19	Sep-19
Major Projects – Venues & Events			
NEC Lighting Upgrade	Design Build RFP	Jun-19	Sep-19

Waste and Drainage

Waste and Drainage Projects	Current Stage	Expected Start Date	Expected Completion Date
Hikurangi Sewer Rehabilitation Stage 2	Construction	Feb-19	Jun-20
Tarewa Rd/SH1 Sewer Crossing Stage 2	Construction (by NZTA)	Jul-19	Apr-20
Pohe Island/Hatea River Sewer Crossing	Design & Planning	Mar-19	Aug-19
Tamingi St, Ruakaka Sewer Renewal	Construction	May-19	Aug-19
Leith Catchment Sewer Rehabilitation	Construction	Apr-19	Sep-19

Water

Water Projects	Current Stage	Expected Start Date	Expected Completion Date
Water Treatment Plant Upgrades	Design	Sep-19	Jun-20
Meter Replacement Contract 2019/20	Tender	Sep-19	Apr-20
Reticulation Programmed Works 2018/19	Design	Oct-19	Jun-20
Minor Projects - Emergency Works	Design	Sep-19	May-20
SCADA Upgrade	Construction	May-19	Jun-20

Roading

Roading Projects	Current Stage	Expected Start Date	Expected Completion Date
LED Street Lighting – Twin Coast Discovery Upgrade	Complete	Nov-17	Dec-18
LED Street Lighting – Supply and Installation (V Category)	Construction	Jul-19	Jun-20
CON18052 Safety Improvements Package (Vinegar Hill Rd and Whangarei Heads Rd)	Construction	Aug-19	Jun-20
CON18064 Traffic Calming 18-19 (Kensington and Otangarei area)	Construction	Apr-19	Aug-20
CON18047 Maunu Rd / Porowini Ave Intersection Improvements	Construction	Jun-19	Jan-20
CON18012 KSP Stage 4b (Fisher Tc Underpass)	Construction	Nov-18	Aug-19
CON17056 KSP Stage 3 & 4 SP1 (Kamo Rd to Puna Rere Dr)	Construction	Nov-18	Oct-19
CON17056 KSP Stage 3 & 4 SP2 – (Jack St to Fisher Tc)	Construction	Dec-18	Dec-19
Te Matau a Pohe Road Light Replacement	Supply	Jul-19	Oct-19
Inner CBD Transport Model	Optioneering	Dec-18	Sep-19

Infrastructure Planning & Capital Works

Major Capital Projects

An update on key projects managed by the team are as follows:

Major Projects - Sense of Place

- **New Town Basin Park:** The detailed engineering design is well underway. The team are continuing to work closely with both internal and external stakeholders. Physical works will occur in parallel with construction of Hundertwasser Art Centre with Wairau Maori Art Gallery project. Construction of the new park will start in early 2020, with completion in late 2020.
- **Camera Obscura:** The external project team now have advised that most of the funding for the construction of a camera obscura on Pohe Island has been obtained. Construction is anticipated to start in October 2019 and take five to seven months. Landscaping will be done by WDC.
- **Complete Streets Masterplan:** Masterplan draft content under review with WDC specialist stakeholders. Document layout, summary and presentation work underway. Road modelling currently verifying the masterplan network and exploring alternatives around key intersections.
- **Pohe Island Central Carpark, William Fraser Memorial Park:** Construction began early January. Planting is complete. Sealing of two and a half lanes is complete but rainy weather is holding this work up.
- **Basculer Carpark and Park:** Construction of the park is nearing completion; carpark metal preparation is underway. Sealing the carpark is planned for end of August, but is weather dependent. The Hatea Loop and coffee shop outlet will remain open for the duration of construction.
- **Pohe Island Destination Playground, Skate Park and Public Toilets:** RFP for play equipment is underway. Detailed design is nearing completion with physical works planned for 2019/2020.
- **Town Basin Bus Facilities Upgrade** – The project brief and scope has been prepared and the project is being resourced for design work to commence in July. Works include extending the bus bays in front of The Hub and layout changes to both town basin carparks. Construction needs to be integrated with the Hundertwasser and Town Basin Playground Renewal projects, to be completed by late 2020.
- **Tamaterau Beach Carparks Upgrades:** This project is partly funded by the Tourism Infrastructure Fund, it includes the beach reserve carpark and the pull off area. Design and consenting work is underway. Community consultation is happening in July/August.
- **Restoring the Mauri of Matapouri Stage 1:** Partly funded by the Tourism Infrastructure Fund in June 2019, the project includes new public toilets and changing rooms with water supply and on-site wastewater systems, upgrading the 2 beachside carparks, recycling and rubbish facilities, landscaping and various signage to inform visitors. Investigations to identify constraints for wastewater and water supply are commencing in July. Consent for wastewater disposal will be required. Council will work closely with Te Rangiwhakaahu Hapu and the wider community throughout. The project will run through to the end of 2020.

Major Projects - Parks & Recreation

- **Matapouri Beach Restoration:** Peer review of the engineering design is complete and comments were addressed. Community consultation is complete and the consent application with Northland Regional Council (NRC). NRC publicly notified the application. The consent hearing has been rescheduled to 13-14 August 2019 to accommodate availability of experts.
- **Princes Road Seawall:** The design for Princes Road seawall has been updated based on feedback from the Engineer and Arborist. The consent from NRC has been obtained and the consent from WDC should be approved in August.
- **Ngunguru Seawall Renewal:** Detailed design for Stage 2 along Ngunguru Road frontage is complete and has incorporated some items gathered from the community feedback. Resource Consent has been lodged with NRC earlier this year. Following comment from the Department of Conservation an additional coastal assessment report

was prepared and submitted in April 2019. Feedback has indicated that any coastal reclamation is highly unlikely to receive consent. Unspent funding will be carried forward into the new financial year.

- Sandy Bay Beach Restoration: Waiting for DOC approval and resource consent before detailed design can be completed and community consultation is undertaken.
- Otaika Sports Park Field Construction: Construction of stage 1 which includes two new sports fields, lighting, irrigation and drainage is completed, and the fields are now in use for the winter season 2019. Physical works on stage 2 commenced in November 2018. The works include the construction of one new field and the refurbishment of an existing field, including lighting, irrigation and drainage. Stage 2 fields will be ready for the following winter season April 2020.
- Ruakaka Sports Field Lighting: The works have been completed, along with all testing and commissioning.
- Ruakaka Sand Removal: The removal of the sand ridge along the eastern boundary of the Ruakaka Sports Fields is required before the new fields can be constructed. A location for the sand has been found and the team are working on acquiring the consents needed and procuring a Contractor to shift the sand.
- Laurie Hall Park Asset Renewal: The lighting has now been installed and construction is complete.
- Laurie Hall Park Waterfall: The detailed design is being completed for the redesign of the waterfall area in Laurie Hall Park.
- Potter Park, Tikipunga - The civil works are complete with footpaths, cycle track and furniture installed. Playground and shade sail installation will be completed in August. Opening was on Friday 16 August.
- Ngunguru Youth Activity Zone – Detailed design underway. Procurement for Skate park construction to begin August. Construction of Skate park planned for November. Field drainage procurement underway planning for mid-September start on site work.
- Mackesy Bush Track Upgrade – Physical works on the tracks are well underway. Delays have occurred due to the wet weather pushing the program out by another month.
- Parihaka War Memorial Refurbishment – Phase 1, restoration of monument, cenotaph modifications and electrical/lighting site works planned for mid-September. Phase 2 and 3 consultation meetings held, high level scope outlined and budget developed. PGF fund application developed and awaiting submission.
- Abbey Caves New Carpark and Public Toilets – Concept design completed. The project has received partial Tourism Infrastructure Funding in June 2019 and can now proceed to design and consenting phase.
- Hikurangi and Hukerenui Sports field Drainage: The Physical work contracts have been awarded to Tractors Ag and Turf. Construction work will begin between October and December 2019.
- Town Basin Playground Renewal: Design is underway in conjunction with Pohe Island to ensure that complementary activities are provided in each playground. RFP for Play equipment is underway. Construction to be complete by late 2020.
- Town Basin Wharf Renewal: Initial investigations have revealed that the seawall requires upgrades as well as the wharf piles. Renewal works are planned to start in July 2020 when a barge is available.
- Town Basin Lighting Renewals: The design for the replacement lighting through the pedestrian areas of the Town Basin is currently being procured.

Major Projects - Water

- New Whau Valley Water Treatment Plant – Construction contract was awarded to Broadspectrum on 7 February 2019. Earthworks commenced in March 2019. Building consent was granted in May 2019. Construction is estimated to take 20 months, and physical works are due for completion in October 2020. Commissioning of plant is planned immediately after completion. However, the dam needs to be full, and commissioning cannot be too close to Christmas and the peak demand period. Risk is that commissioning may have to wait until mid-2021.
- Ruakaka WTP Clarifier Upgrade: Site mobilisation complete, works planned to begin August 19th 2019. Equipment due to arrive in NZ August 2019. Construction expected to continue until December 2019.

Major Projects - Waste & Drainage

- Whangarei WWTP Odour Control: Detailed design is well underway for odour control to be installed in the process units which are contributing to off-site odour – includes equalisation basin, sludge tanks and the inlet works. Construction cost estimate is in the order of \$7m including renewal of existing tanks with internal corrosion-resistant coating. Investigation into whether there are other more cost-effective solutions is underway.
- Whangarei WWTP Resource Consent – The current discharge consent will expire in April 2022. Waste & Drainage has prepared for the consent renewal process via an extensive monitoring programme of discharge levels which will help proactively manage issue with NRC and other stakeholders. Draft consent strategy is being reviewed.

Major Projects - Compliance & Regulatory

- New Animal Shelter: Due diligence assessment on a new site is now complete. Agenda Item to be presented to Council on 29 August.

Major Projects – Venues & Events

- Northland Events Centre (NEC) Lighting Upgrade: A professional services consultant specialised in sports fields lighting has been engaged to assist with the project. The tender process to procure a Design/Build contractor will run from August to September 2019. Design work will commence after the contract is awarded.

Infrastructure Planning

The Proposed Regional Plan for Northland (PRPN) decision version was released in June 2019. It was determined that WDC and FNDC would not pursue an appeal but would join any appeals as a s274 party. WDC and FNDC joined six appeals and will be attending the Call Over meeting on 14 August.

WDC Designations Plan Change has been approved by Council and we are preparing documentation accepting the recommendations as the Requiring Authority.

The WDC Trees Plan Change has completed its appeal period. WDC Infrastructure is supporting the District Plan Team in providing technical advice on the impact of any appeal.

A submission was lodged on the WDC Urban and Services Plan Change on behalf of the Infrastructure Group based on the requirements of the operational functions of the department. This is being done in conjunction with the District plan team as part of fixing errors and omissions from the original drafting and reviews.

The team is continuing to review a steady stream of subdivision and land use consent applications that have a parks or infrastructure element and assessing consent conditions. The quality of landscape information is noted to have declined within the applications.

The Matapouri Sand Replenishment project consent hearing was completed 13-14 August and is currently with the Commissioner for their decision. A decision is expected by the end of September 2019. Legal Counsel has been engaged to lead the hearing for WDC.

Planning assessments and consents are being prepared for capital projects requiring District and Regional consents including the New Town Basin Park, Pohe Island Playground, and the Ngunguru Skatepark.

Work has recommenced on the Tutukaka Reserve Management Plan. Formal consultation processes will follow once a draft plan is prepared and approved by Council.

Work on encroachments, easements land purchases continues.

Landscape Architects

Preparation of the New Town Basin Park construction documentation is in the final stages. A team of consultants are working in parallel with the landscape architect team to deliver full construction documentation. The communication plan with the public is underway with high level presentational drawings being undertaken to support the text.

The William Fraser Memorial Park on Pohe Island Master Plan will be presented to the Infrastructure Committee for adoption in August. Current projects within this document include the new carpark (under construction), the 'New Destination Playground on Pohe Island' as well as the refurbishment of the Pohe Island Skatepark. The landscape architects have been working closely with consultants to refine concept designs and currently the play equipment is out to tender to refine what elements will be within the final designs. The skatepark concept has been reviewed internally and is currently under design review by a control group of skatepark users who have been part of the consultation process.

'Town Basin Playground Renewal' is currently out to tender with playground equipment suppliers to be able to complete the concept.

The Pohe Island projects should have completed concept plans in the coming months which will be presented at the Pohe Island Working Party. The designs will then be released to the public. All these projects have gone through great

community consultation so the communications planned will mention the public's requests and how the designs have responded to these.

The landscape team is working on the Town Basin Bus Facilities Upgrade which mainly focuses on providing additional bus drop off spaces outside the Hub. This will provide a visual package to assist in briefing a consultant.

New jobs that have now been activated for design or support include; Camera Obscura landscape design, Restoring the Mauri of Matapouri and Waipu Skatepark.

Involvement in various other projects including the City Centre Masterplan, Parihaka War Memorial, Ball Clock and Ngunguru Skatepark are ongoing.

Construction is underway on Pohe Island Central Carpark and Bascule Park. The landscape team will be part of the project team monitoring construction to ensure design outcomes are achieved on these projects.

Potter Park is planned to open to the public on Friday 16 August. Local schools and community have been invited. Speeches and a free BBQ are planned.

Infrastructure Development

Asset Capitalisation

Our team are currently working on a new way to present this data. For the month of July there was little change in the capitalisation of assets as it is the start of the new financial year. We are currently working with our Waste and Drainage department for the contractor to provide the as built documentation for the Tarewa Tank project. Once we have this information this project can be capitalised.

Valuation of Assets

The Revaluation (Reval) has been completed with the values aligning to what was anticipated.

Development Engineering

The number of applications received in July were 24, this is still a high number of applications for this time of the year and is above the historical July average of 20. We are still relying on external consultants to assist us in processing applications. We currently have a Development Engineer vacancy due to an internal promotion. We are in the process of recruiting for this position.

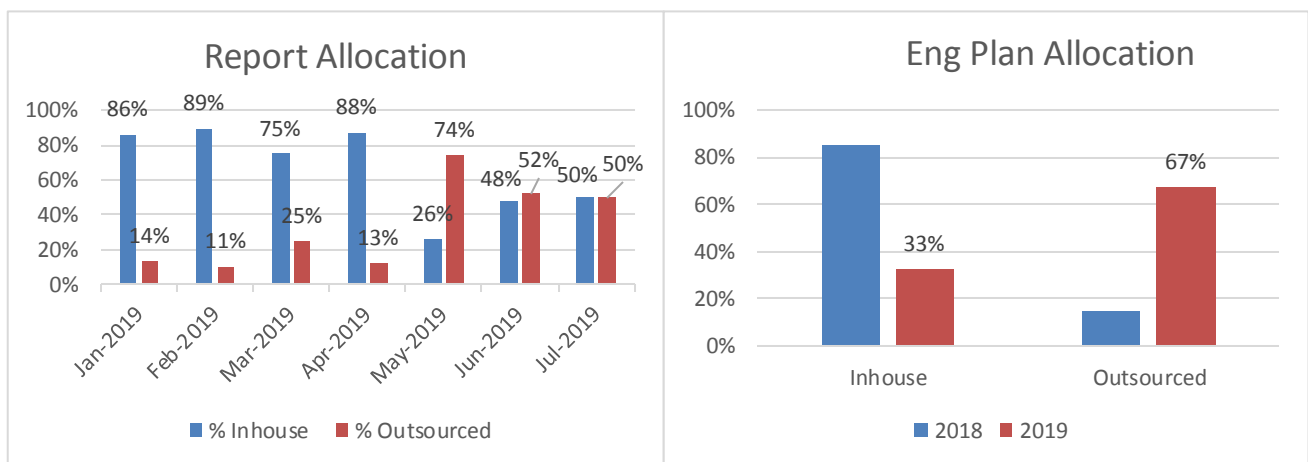
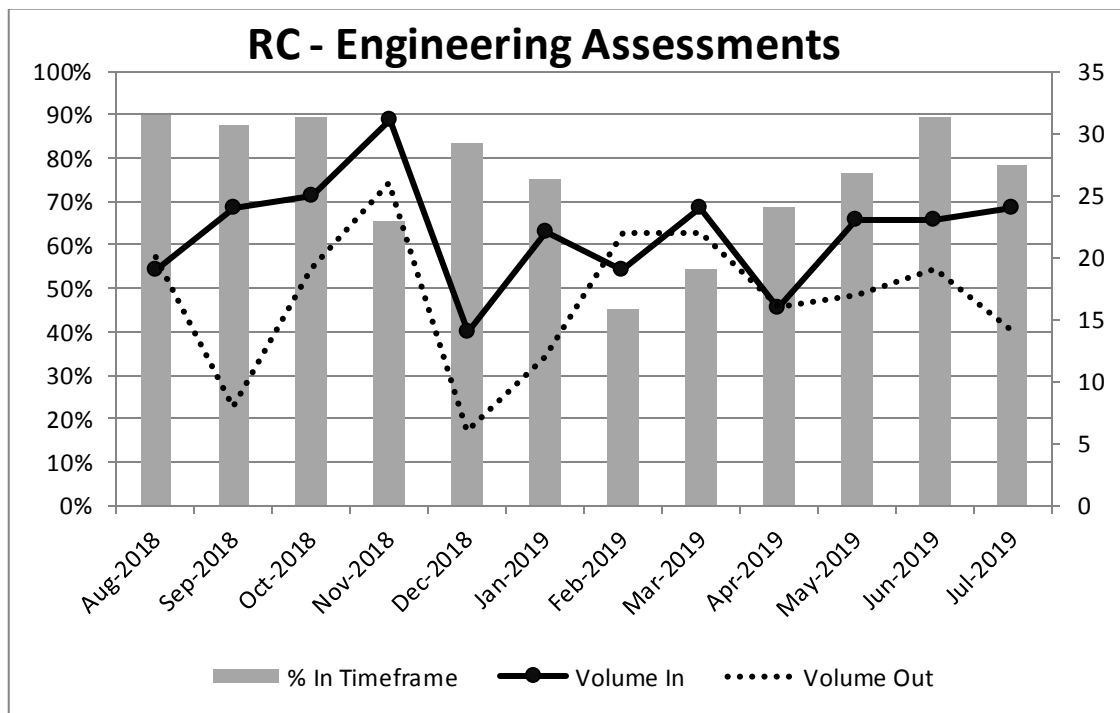
We received several applications for variations to existing consents, several 2-4 Lot subdivisions and an application to start Earthworks on the Summerset Retirement Village in Tikipunga.

A Notice of Requirement to expand the Kamo High School has been received and currently on hold.

Meetings were held with Whangarei Boys High to discuss the rebuild of the School project.

A pre-start meeting for Stage 3 of WFH – The Landing in One Tree Point was held in July, earthworks are well underway. There will be 77 Lots created in this stage with an additional 3 stages to follow. This development will be closely monitored due to the acidic soils present in the area. We have one Development Engineering Officer available for monitoring of these developments and are therefore required to also rely on other internal staff and consultants.

The percentage of Engineering Plans currently being outsourced is 67%, this high number is due to staff shortages in the team. We are currently outsourcing 50% of our applications due to the high number of applications received and only one Development Engineer available to process applications.



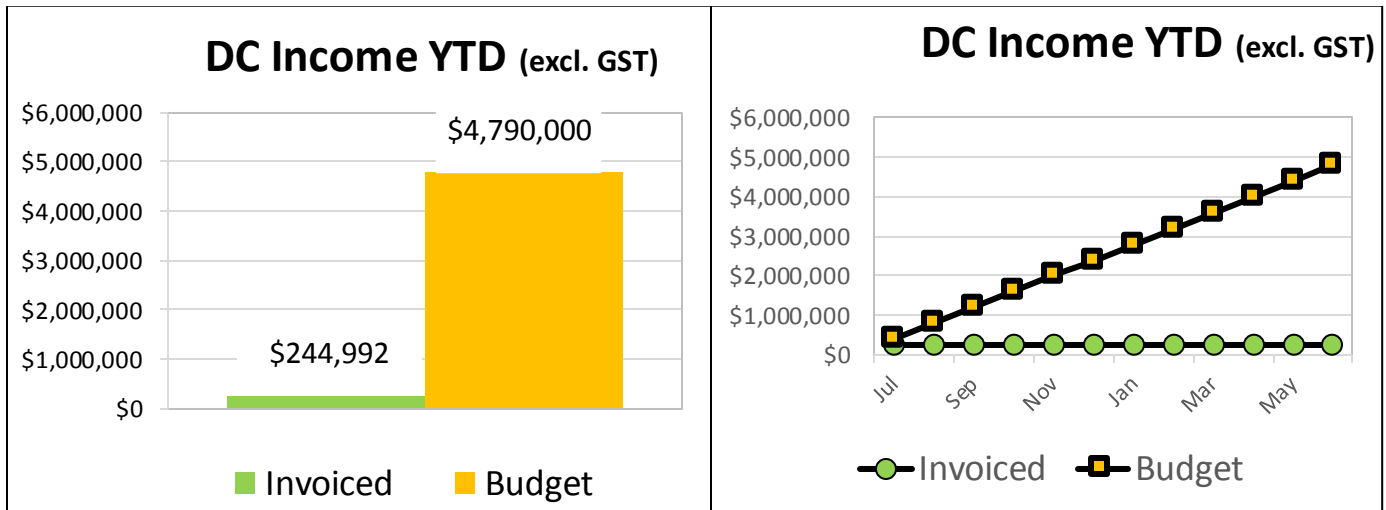
The 8-day level of service for engineering report delivery is at 79% this month. We anticipate this value will fluctuate as we have staff and consultants taking leave but we expect this to improve as we recruit a development engineer and engage more consultants on our engineering panel.

Development Contributions

A new financial year and new budget. Slight under recovery reflecting the seasonal winter slowdown in contracting and real estate.

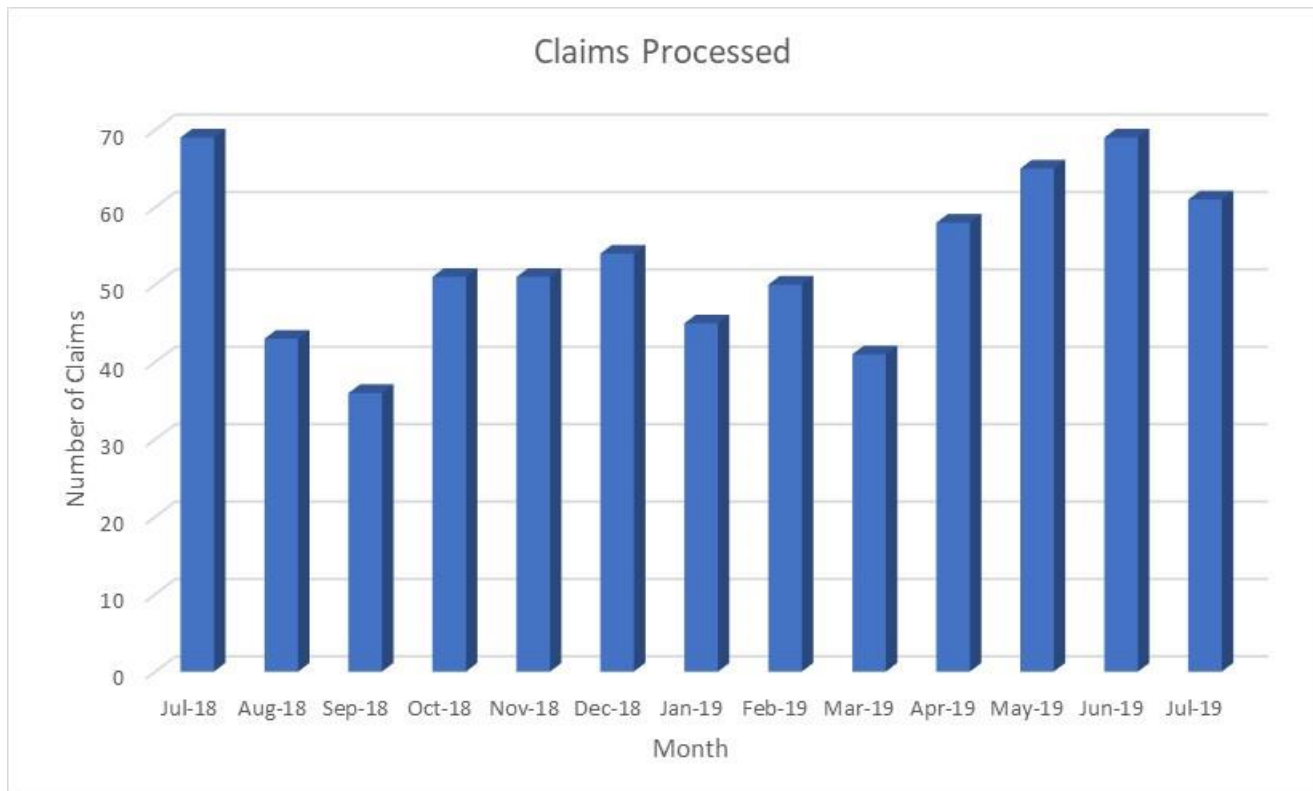
Development Contributions income recovers the cost of past and planned projects by activity and catchment. Cost recovery based on catchment ensures that the funds recovered are spent within the catchment. This helps to provide the capacity required by growth and allow developments to proceed.

All Resource consent, building consent and public utility applications are assessed for development contributions. To date 171 development have been assessed as requiring contributions.



Infrastructure Support

For the month of July the team processed 61 contract claims. This is slightly less than July 2018.



Process development work is tracking along with 3 contract processes being updated as a result of the Ci Interim Contract Solution. 7 new processes have been developed, these include Public Utility Cancellation, Infrastructure Committee Agenda processes and other miscellaneous processes.

Work began in July with one of the Project Engineers where a Contract Claim template for the Infrastructure Group was developed to cover off the requirements for the NZS 3910 series and the Construction Contracts Act. This also allowed for consistency in all Infrastructure contract claims. Training sessions with Contract Managers within the Infrastructure Group was completed. The templates have been created for all existing contracts in preparation for the first round of payments for this financial year.

Health and Safety

Accidents & Incidents Reported in July

The number and types of incidents reported relating to Infrastructure staff, contractors or in Infrastructure locations where members of the public may have been impacted is shown below.

Incident type	Staff	Infrastructure Contractors	Infrastructure Volunteers	Public incidents	Public incidents (not in workplaces)	Totals this month	Totals 2018-19	Totals 2017-18	Totals 2016-17	Totals 2015-16
Prohibition Notice	0	0	0	0	0	0	1	0	1	0
WorkSafe Notifiable Event	0	0	0	0	0	0	2	0	2	0
Lost Time Injury	0	2	0	0	0	2	11	9	8	4
Medical Treatment Injury	1	3	0	0	0	4	34	51	40	39
Occupational Health Exposure	0	0	0	0	0	0	3	1	5	0
Minor injury	0	3	0	1	0	4	93	108	119	57
Discomfort and Pain	2	25	0	0	0	27	31	40	36	29
Breach of rule incidents	0	0	0	0	0	0	8	12	0	0
Incident/Near Miss	4	11	0	0	1	16	189	204	189	292
Totals	7	36	0	0	1	43	365	425	400	421

Table 1 – Incidents and running totals – Note: figures accurate to 19/8/19.

Company	Incident	Pain and Discomfort	Minor Injury	Occupational health exposure	Medical Treatment Injury	Lost Time Injury	Breach	Totals
Northland Waste Ltd			3		1	1		5
Recreational Services Ltd	16	1						17
Steve Bowling Contracting Ltd	3					1		4
Broadspectrum	2				2			4
Downer	1	1						2
Hydrotech	4							4
Totals	26	2	3	0	3	2	0	36

Table 2: Contractors reported incidents, July 2019. Note: figures accurate to 19/8/19.

Waste and Drainage

Operations and Maintenance

Whangarei WWTP

In the first five days of July, a total rainfall of 52 mm boosted the inflow to reach its peak at around 40,000 m³. From 6 to 11 July, the plant received a gradually declining flow. The trend repeated from 12 to 14 July, where two moderate rainfall events were recorded with a total rainfall of 29 mm, fluctuated the flow within the range between 15,000 m³ to 20,000 m³. After that, a gradual declining trend was experienced similar to the mid July period. In general, rainfall in July increased the wastewater flow rates to the plant. However, it received only 80% of the total volume in comparison with the corresponding period in 2018.

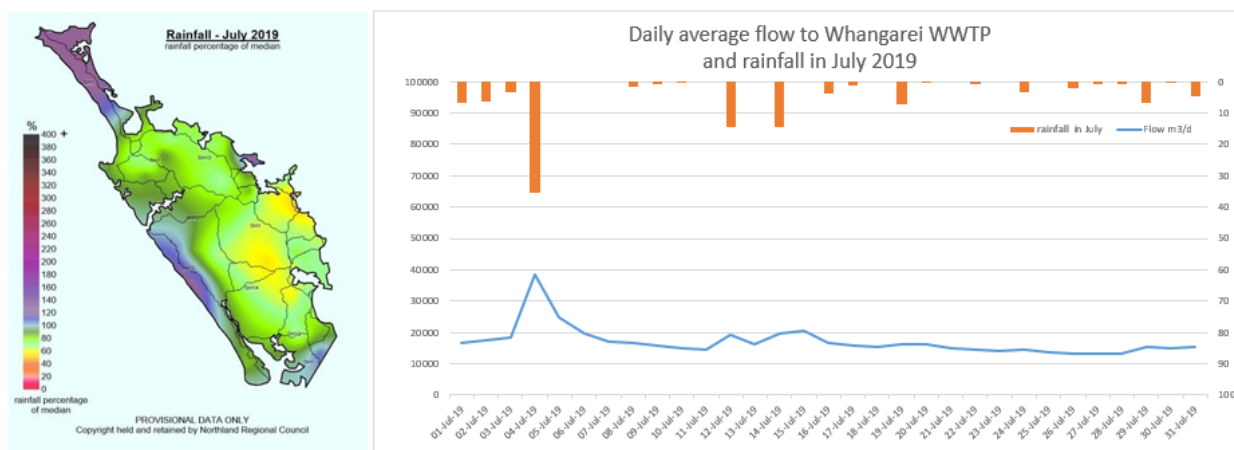


Figure: NRC image depicting the percentage of normal rainfall and graph depict illustrating the daily average flow in m³/d through Whangarei WWTP in July 2019

Activities carried out at the main plant during July included:

- The machinery risk review for the main plant was completed.
- Primary clarifiers 2 and 3 were emptied for regular inspection with no issues identified.
- The plant operated under extreme flow on 4 July 2019. NRC and other relevant parties were notified.
- Trickling filters 1 and 4 were added to the 6-monthly maintenance programme.

Odour Treatment for Whangarei WWTP:

W&D are also considering a hybrid option which combines chemical dosing and covering at the inlet work and sludge holding tanks. After a plant visit and discussion with chemical suppliers, it was suggested that the following two options, locations and combination of chemicals, would be suitable to undertake outcomes based testing:

A. Okara pump station for 2 weeks (Magnesium Hydroxide Liquid - MHL)

- The impact of chemical dosing on the wastewater treatment plant processes would be minimised.
- There could potentially be an overall reduction of 50%-80% of hydrogen sulphide level in the plant at the inlet work area.
- The proposed dose rate in the first week is 1,100 L of MHL per day. However, this could be optimised in the second week, once the sewage flow and H₂S gas patterns are established.

NB FeCl₃ is an acidic solution which has the potential to corrode pipelines, so only MHL is being dosed at the Okara Pump Station.

B. At the supernatant well in the wastewater treatment plant (4 weeks MHL and 4 weeks with FeCl₃)

The trial of these two chemicals is to ascertain how each of these chemicals may impact plant operations considering both advantages and disadvantages.

The result of the trial will provide valuable data on:

- UV cleaning (if required) to avoid inorganic scaling,
- Power consumption for higher set point of DO in the aeration tanks;
- Chemical dosing (if required) to adjust alkalinity;
- Improvement in dewatering of sludge, and sludge volume reduction – if any;

Health and Safety

A WWTP technician is expected to return to work on 21 August on light duties only after his surgery in May 2019.

Hikurangi Flood Management Scheme

W&D team accompanied Millan Ruka of Environment River Patrol – Aotearoa, on an inspection of various pump stations in early July. The team discussed pump station modification options with the aim of reducing long-finned tuna fatalities during their migrations.

Millan's observations are that the Whaka Tuna Heke (migrators) usually move at night during the second big rainfall event of Autumn (March). They typically arrive at the pump stations at around 22h00 and migrate until early morning. Occasionally the tuna might travel during daytime if weather patterns do not align for their preference of flood waters. They tend to avoid sunlight.

Modifying the screens to the pump inlets and installing lighting to deter the eel from the pumps are two possible options that are being considered. However, modification of screens to reduce the opening size is considered to be cost prohibitive (upwards of a million dollars for the 7-pump station sites) and compounds the risk that debris will block the pump's intake, affecting the hydraulic suction head. The second option of fitting lighting is being investigated and priced. Tuna need a dark secure passage with continual flow for them to travel along which can be created by arranging lighting cleverly.

It was suggested that pump station should not be operated during the March flood event. The impacts of this will need to be considered in light of the primary purpose of the pumps which is to drain the flooded pockets once the river level subsides. W&D have been asked to consider turning on the pumps manually during migration periods with the suggestion that they will work with Hapu Kaitiaki's representative to witness tuna movement. With the recently installed availability of LoraWan at the Mountain pump station (PS), W&D will continue to monitor the water level before and after the PS to ensure appropriate water levels for the safe passage of tuna.

W&D are investigating building a hydraulic modelling to better understand the behaviour of the flood scheme under various rainfall conditions.

Rural WWTP Quarterly reports

All second quarterly reports for Ruakaka, Waipu and Ngunguru WWTPs and six monthly reports for Hikurangi, Tutukaka WWTP were submitted to NRC. There were a few comments on the following plants:

1. Hikurangi:

- The membrane plant has not been operating for some time.
- Increase of both hydraulic loading and concentration loading meant the oxidation ponds were not able to meet the resource consent conditions for BOD₅ and TSS
- The plants current resource consent expires in 2025. W&D have been working with Planner department to renew the resource consent.
- It was advised that the "Do nothing" option of continuing to bypass the membrane filter and instead seeking to relax the current discharge requirements would place WDC at risk going forward. W&D team are currently considering other tertiary treatments such as UV or Dissolved Air Flotation (DAF) system to assist TSS, BOD removal.

2. Ngunguru

- During the summer peak, Ammonia concentrations exceeded the resource consent limit
- W&D will be carrying out the following remedial actions:
 - Fixing short-circuiting of the second oxidation pond
 - Adding a new surface aerator
 - Estimated completion date shall be in Q4 2019

Rural WWTP Operation & Maintenance

Oakura

- Flow meter at the plant was reset as flow data was not updated.
- Diesel tank leak test certification was under way.
- Blower was faulty; technicians' team will arrange to fix soon. Completion by end of July.

- Generator review completed; replacement parts have been ordered. Disposal filters changed.

Ruakaka

- Refinery staff visited the plant and took treated effluent samples.
- A new Resource consent has been granted.
- W&D team will review the consultant proposed re-configuration of the ponds from series to parallel.
- A surface aerator shall be added as per the upgrading requirements.
- Ruakaka disposal bin was not emptied. The Waste contractor was chased with the bin eventually being cleared on 29 July.

Hikurangi

- W&D has engaged an expert to study the membrane backwash and CIP cycle. It appears that the Sulphur deposited on the membrane surface was due to the chemical used in the backwash and cleansing cycle conducted by the membrane manufacturers. W&D has updated the lawyer with findings, and we will be awaiting their guidance on how to proceed.
- 2 surface aerators run at 100% to support the treatment process.

Tutukaka

- Tutukaka UV chamber flushed.

Reticulation

There are two spill incidents which had been cleared. NRC and DHB were notified.

Date Spill Started	Date Spill Detected	Date Spill Ceased	Location	Cause	Volume (m ³)	Type of Sewage	Action Taken
Unknown	9/07/2019	11/07/2019	Corner of Clyde and Albert Streets Whangarei	Pinhole in rising due to rock between power pole and main wearing at main overtime	<1m ³	Yes	NRC and DHB notified, line repaired which involved a power shut across several streets, all contaminated spoils removed from site
Unknown	22/07/2019	23/07/2019	26 Riverview Place Waipu	PE backing ring bolts failed, gasket burst out and minor leak in fusion coupler. Solids contained in grass, no evidence of contamination on foreshore but seepage rock protection barrier expected	<2m ³	Yes	NRC and DHB notified, spill signs erected at Johnsons Point and Hamon Roads

Capital Works Projects

Sewer & Stormwater CAPEX

Hikurangi Sewer Rehabilitation Stage 2: Scope for sewer lining now complete. Lining of approximately 4,500m of sewer lines is expected to resume this month and complete by April 2020.

Tarewa Rd/SH1 600mm Sewer Crossing: Work is undertaken by Downer under the NZTA's contract. The first stage (north-bound lane) has been installed. The second stage (south-bound lane) is scheduled for construction in April 2020.

Installation of 600mm sewer pipe at SH1



Sewer and Stormwater Renewals

Tamingi St (Ruakaka) Sewer Replacement: Hydrotech have so far completed the replacement of 600m of rising main and 200m of gravity main. Approximately 90m remains to be relined.

Leith Catchment Sewer Rehab: Relining of 900 meters of 150mm diameter gravity sewer at Leith St, Morningside by Hydrotech is over 50% complete. The relining contractor (Reline NZ) is currently not on site.

Hatea River Sewer Rising Main Replacement: This work involves replacing the asbestos cement sewer rising main under the Hatea River. Preparation of the design and tender documents is underway. NRC resource consent have been granted.

Keyte St Sewer: Replacement of 220m of 150mm diameter sewer lines has commenced. Expected to be complete by mid-August.

Solid Waste Operations

We have received the first delivery of new blue crates for collecting glass bottles and jars. The pilot of the new system will begin in September with 500 properties in Hikurangi.

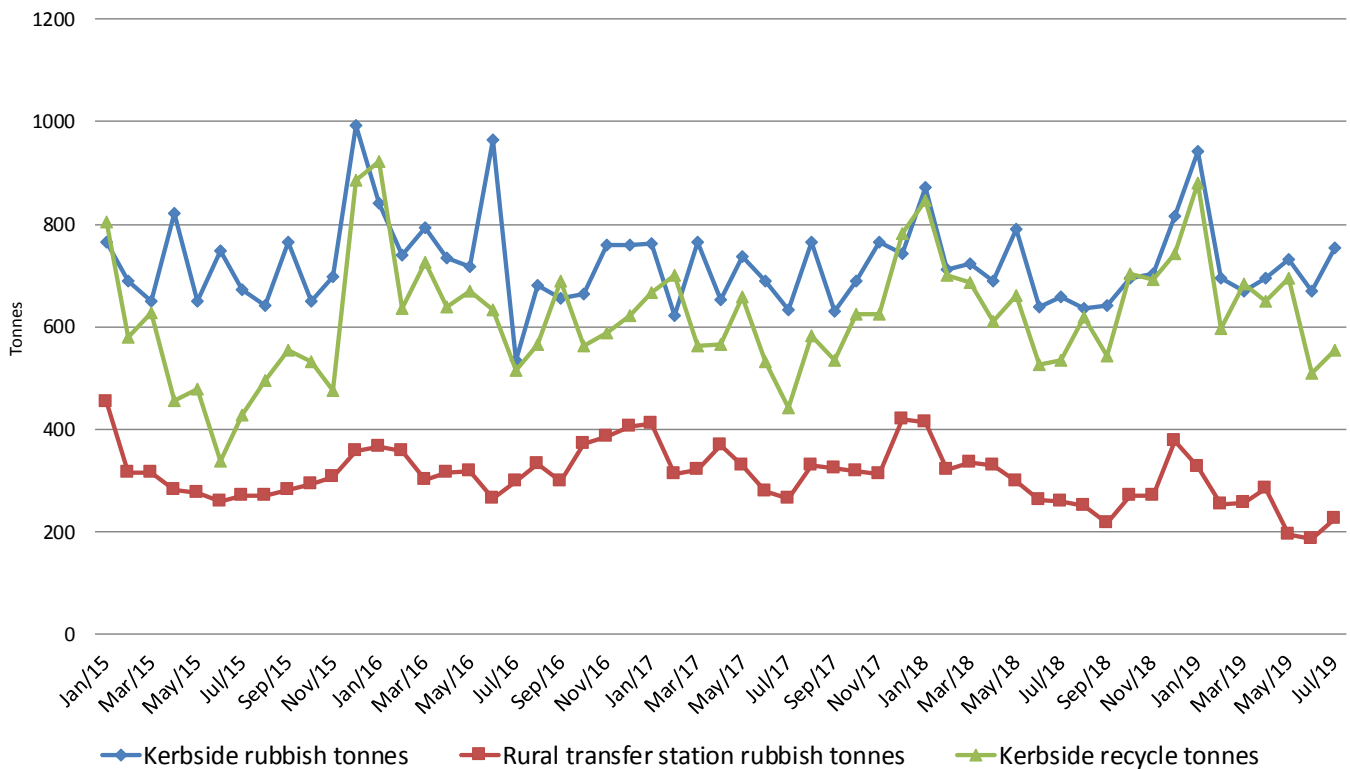
Recreational Services will start the new Litter Control and CBD custodial duties contract on the 1st of September.

Monthly waste tonnages are shown in the table and chart below.

Rubbish Collection Tonnes	2018/19	2019/20	RTS Tonnes	2018/19	2019/20	Recycling Tonnes	2018/19	2019/20
June	668		June	185		June	509	
May	730		May	195		May	696	
April	696		April	283		April	650	
March	668		March	255		March	685	
February	694		February	252		February	596	
January	942		January	326		January	880	
December	816		December	377		December	743	
November	703		November	270		November	691	
October	695		October	271		October	702	
September	640		September	217		September	542	
August	636		August	249		August	618	
July	658	753	July	257	226	July	535	554
Total for period	8546	753	Total for period	3137	226	Total for period	7847	554

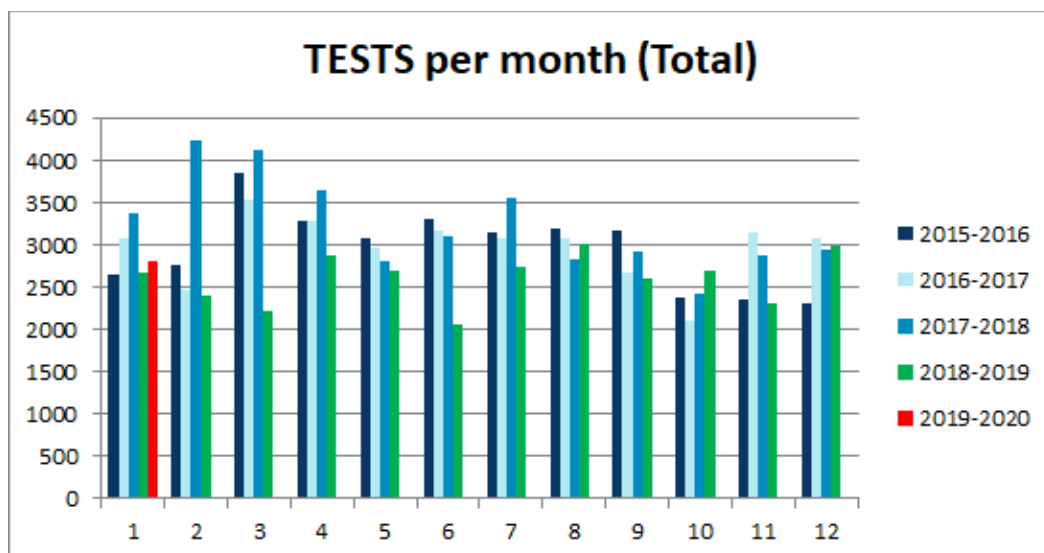
Kerbside Rubbish and Recycling Collection and Rural Transfer Station Operations

Solid Waste Tonnes Jan 2015 - Year to Date



Laboratory Report

During July 2019 the Laboratory analysed 773 samples requiring 2813 tests. 23% of the tests were subcontracted. This represents 5.5% increase in test numbers when compared with the same period last year.



Roading - Transportation

Maintenance Contracts

North Area

Ordered works completed this month are as follows:

- Urquhart's Bay seawall repairs.
- Ody Rd rip and remake.
- Pigs Head Rd metal overlay.

Routine works completed this month include:

- 6862 Unsealed pothole repairs.
- 374 Sealed pothole repairs.
- 513m Edge break repairs.
- 114 Culvert marker installations.
- 34km of Grading unsealed roads.
- 43 Edge marker replacements.
- 729m of detritus sweeping.

South Area

Ordered works completed this month were as follows:

Unsealed Roads

- Metalling programme –Completed Takahiwai Rd, Waipu Gorge Rd, Prescott Rd, Flyers Rd, Millbrooke Rd, Helmsdale Rd, and Ormiston Rd.

Sealed Roads

- Pre-reseal site assessments completed.
- Awaiting approval to commence asphalt sites.

Resurfacing

- Anzac Rd.
- Awaroa River Rd.
- Mackesy Rd.

Line marking

- Remark around Tikipunga is on-going.
- Focus has been Waipu area, Waipu Cove Rd, Ruakaka with little bits still to do in Whangarei and Kamo - weather dependant.

Drainage

- Pipiwai Rd on hold.
- Watertabling
 - In progress – Nova Scotia Rd & South Rd.
 - Completed - Haywood Rd, Crawford Rd, Tauroa Rd, Berch Rd, Bartlet Rd, Duram Rd, Waipu Caves Rd, Palmer Rd, Kukuni Rd, Ormiston Rd, McAdam Rd, Finbrooke Rd.

Vegetation

- Walkways – assessment completed.

Footpaths and Shared Paths

- Second Ave programmed work completed.
- Kiripaka Rd completed.
- Vine St TAB concrete work done.
- Alamein Ave. Ormiston hand rail near completion.

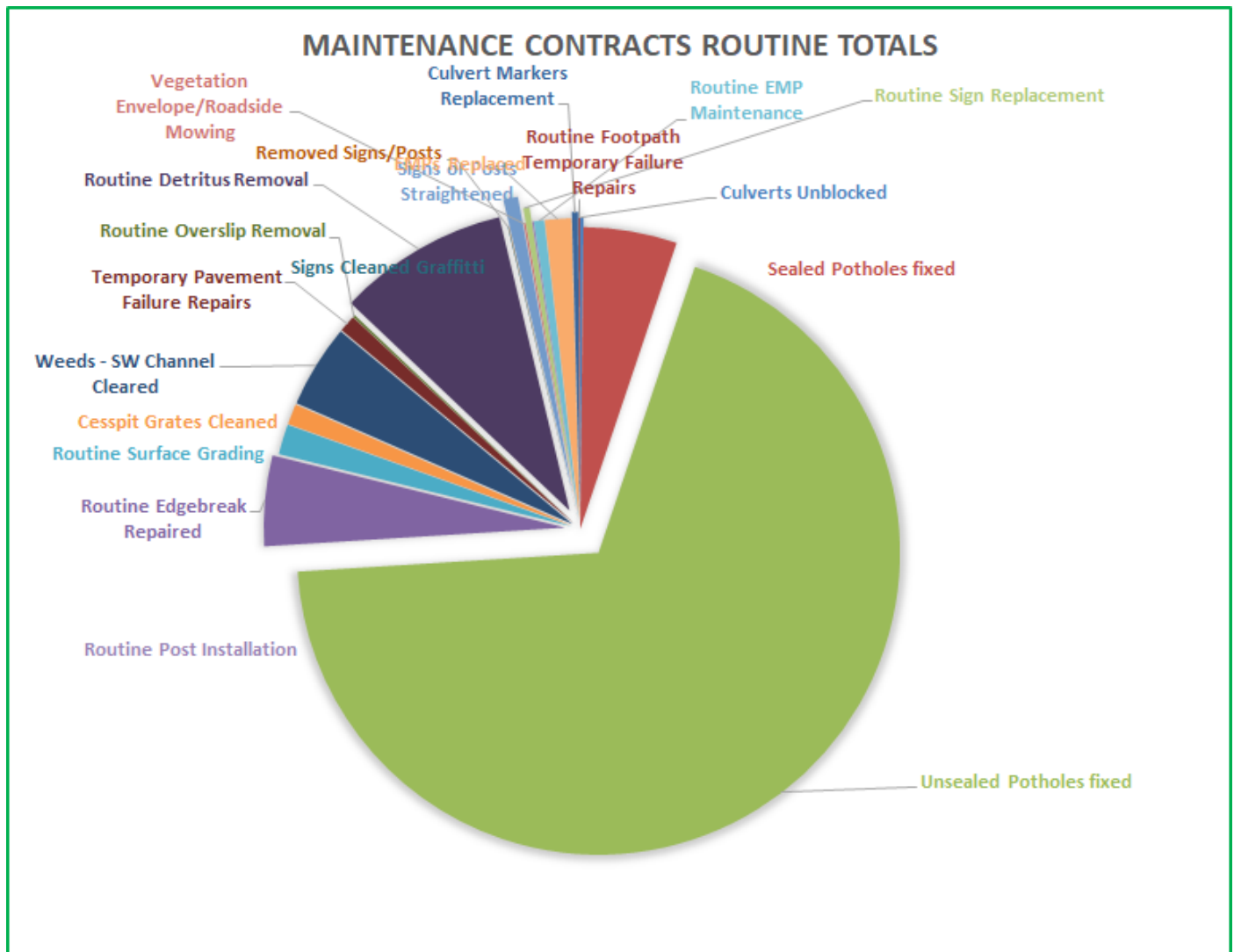
Routine Works

- On-going – July had more bad weather so routine work focused on grate cleaning, potholes,
- CRM's, sign maintenance and drainage maintenance,
- Potholes (sealed & unsealed)
- Ongoing inspections

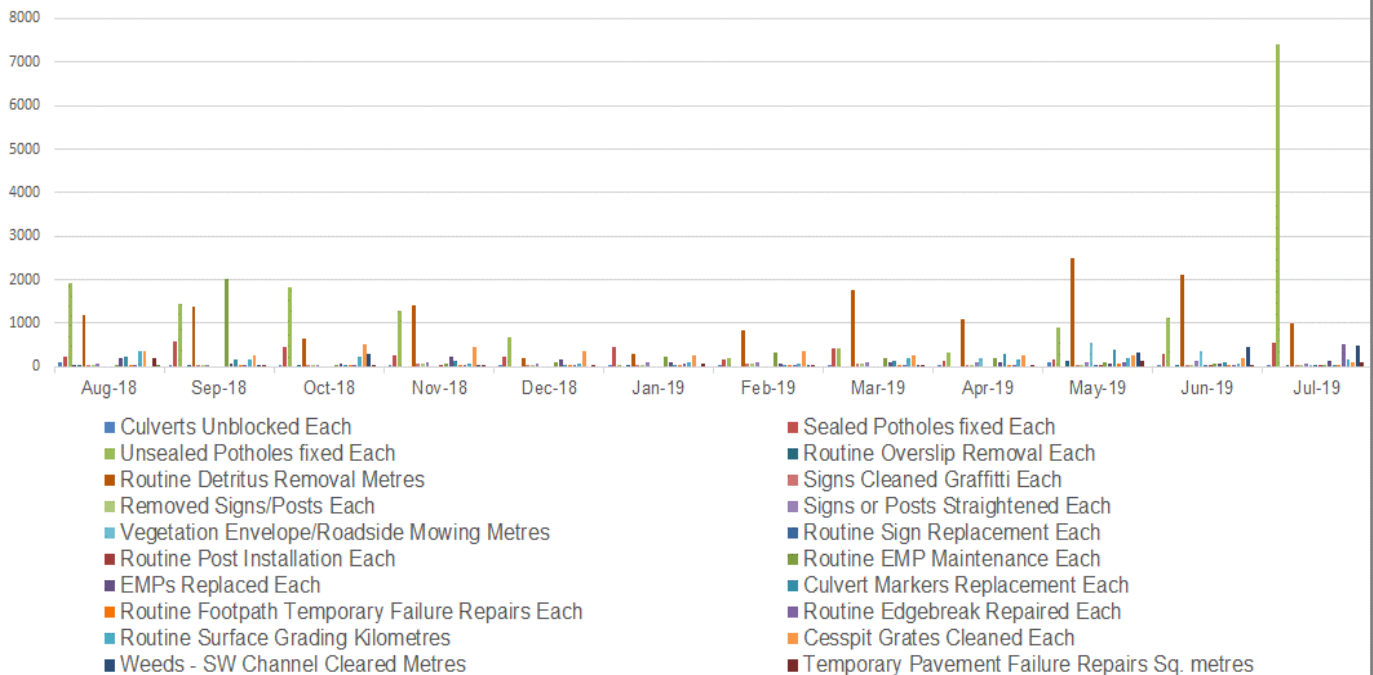


Converting old TAB site to a carpark

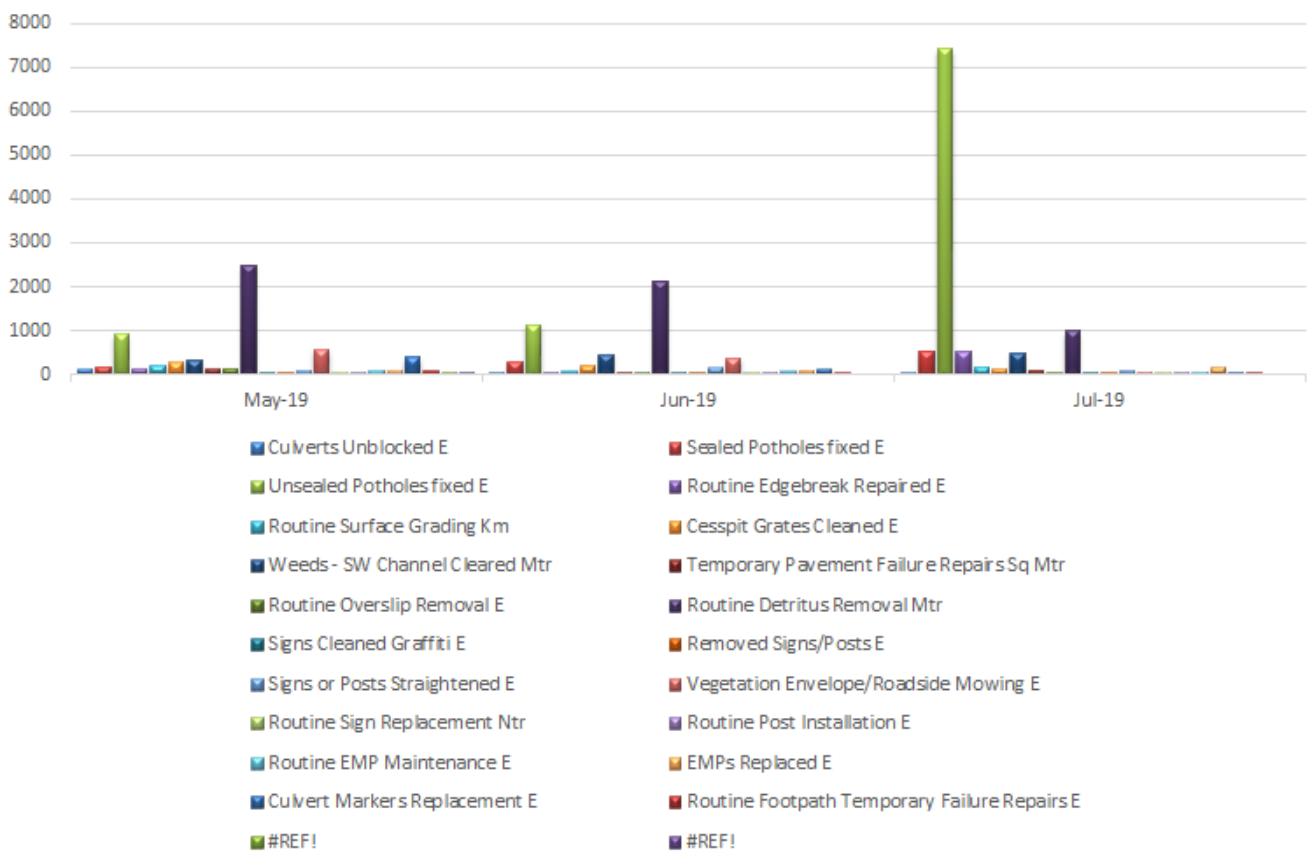
2019 Yearly Achievement Report Graph



Yearly Achievement Report Totals - Routine Works



Monthly Achievement Report Totals - Routine Works



Maintenance Contract Routine Achievement Graph

Activity	Units	E	E	E	E	Km	E	Mtr	Sq Mtr	E	Mtr	E	E	E	E	Ntr	E	E	E	E	E
Culverts Unblocked	May-19	103	175	907	123	191	266	324	129	135	2495	28	10	93	564	36	7	100	89	389	84
Sealed Potholes fixed	Jun-19	15	297	1123	15	75	188	459	10	1	2112	18	9	146	378	27	4	71	82	114	17
Unsealed Potholes fixed	Jul-19	19	539	7411	521	174	119	481	98	13	989	4	2	84	11	36	10	59	152	36	10
Routine Edgebreak Repaired																					
Routine Surface Grading																					
Cesspit Grates Cleaned																					
Weeds - SW Channel Cleared																					
Temporary Pavement Failure Repairs																					
Routine Overslip Removal																					
Routine Detritus Removal																					
Signs Cleaned Graffiti																					
Removed Signs/Posts																					
Signs or Posts Straightened																					
Vegetation Envelope/Roadside Mowing																					
Routine Sign Replacement																					
Routine Post Installation																					
Routine EMP Maintenance																					
EMPs Replaced																					
Culvert Markers Replacement																					
Routine Footpath Temporary Failure Repairs																					

Projects

Low Cost Low Risk Projects (Minor Safety)

Major Intersections (Capacity):

- Porowini Avenue/Maunu Road intersection improvements – Physical Works contract awarded to United Civil. Possession of site June 2019 and programme completion for January 2020. Currently on programme and are making very good progress with service relocation works. Have identified emerging risk concerning minor delay associated with delivery of structural components. Bringing other work forward is being considered to mitigate if this risk is realised (on stand-by)
- Maunu Road/Central Avenue intersection improvements – Concept design complete and property negotiations progressing. Funding for construction deferred by NZTA.

High Risk Rural Roads:

- Murphy's Bend
 - Short Term – surfacing & curve signage (2019-20) – optioneering nearing completion.
 - Long Term – design of curve realignment and shape correction (2019-21) – optioneering nearing completion. Preliminary estimates suggest realignment options may require a Business Case approach outside of the Low Cost Low Risk programme.
- Vinegar Hill Rd – Guardrail, curve realignment near Riversong Rd, hazard protection and curve advisory signage – contract awarded to United Civil Construction Ltd. Works are due to start this month on two sites Pepi Road and Vinegar Hill Road, with works commencing on Pepi Road first.
- Fisherman's Point (Whangarei Heads Rd)
 - Short Term – survey and review curve shape and surface drainage (2019-20)
 - Long Term – reshape curve and surfacing (2019-20)
- Whangarei Heads Rd / Pepi Rd intersection guardrail - contract awarded, works to commence in August
- Cove Rd Culvert Extension (Waipu Cycleway Stage 2a) – to be built with Cycleway Construction (2019-20).

High Risk Intersections (Safety):

- Kamo Rd / Kensington Ave Intersection – modify phasing to improve safety (filter-phase) (2019-20)
- Kamo Rd / Station Rd Intersection – improve capacity and safety by increasing stacking distance (2019-20)
- Bank St / Rust Ave Intersection – improve capacity and safety by increasing stacking distance (2019-20)
- Bank St / Vine St Intersection – improve capacity and safety by increasing stacking distance (2019-20)
- Corks Rd / Gillingham Intersection – safety improvements. Guardrail installation completed 18-19, curve widening planned with 19-20 reseal for which land negotiations are underway
- Five-Finger Roundabout & Walton Street – detailed review of crashes; report (2018-19)
- Mill Rd / Whareora Rd Intersection – guardrail. Design complete, Implement 2021-24
- Intersection and rail crossing upgrades as part of Kamo Shared Path:
- Kamo Rd – signalised pedestrian crossing and upgrade to rail crossing (September 2019)
- Kamo Bypass – new rail level crossing adjacent to road-rail crossing in Kamo Bypass – we are working through the business case with NZTA and KiwiRail.

Pedestrian facilities:

- Hikurangi Township - zebra and school access safety improvements. Working with Hikurangi Revive and the school to provide alternative access to school with improve pedestrian crossing for local business. (2019-20)
- Corks Rd Zebra – relocation of Zebra Crossing in Corks Rd near Totara Grove School – implement early 19-20.
- Hatea Drive crossing – new pedestrian crossing (median islands) in Hatea Drive near Rurumoki Street (access to Mair Park) – implement early 19-20
- Whangarei Heads Rd – upgrade pedestrian crossing to a School Kea Crossing (2019-20) pending Parua Bay School/ Board of Trustees agreement to manage the crossing.
- Potter Park – Corks Rd and Vinegar Hill Rd footpath connections and pedestrian crossings to access new Potter Park playground – to be completed by end of August 2019
- Lupton Ave – upgrades to existing zebra crossings completed, two new raised zebra crossings – near completion
- Cross St (outside Whangarei Primary School) – scheme design underway, implement 19-20

School zones:

- Finalising our multi-criteria assessment tool, due late 2019
- Tikipunga School, Kamo Intermediate School & Glenberrie School sites to be upgraded, signs have arrived, but will be installed early in year 2 of the LTP.

Slow Streets:

- Kensington and Otangarei area – Keyte St and Churchill St raised platforms and raised median islands at various intersections – completed July 2019
- Kensington Area; Dinnis Ave, Wallace St, & Lupton Avenue - implement early 19-20
- Kamo Area; Fisher Tc & Carlton Cr – associated with Kamo Shared Path (2019-21).
- Avenues; First, Second and Third Avenue between Kauika Rd and Central Ave (2019-21).

Speed Management:

Recommendations to proceed with consultation on speed limit changes for first tranche high priority areas to be presented to Council in August 2019 for approval to consult.

Walking and Cycling (Shared Paths):

- Kamo Shared Path:
- Stage 1 (CON16020 Rust Avenue to Cross Street) – complete
- Stage 2 (CON16086 Cross Street to Kamo Road) - complete
- Stage 3a (Kamo Rd to Jack Street) – 75% of concrete poured, the official opening is planned for 23 November 2019, subject to ministerial confirmation, but may go on regardless as a variety of stakeholders are involved.
- Stage 4 (Adams Place to Fisher Terrace) major civic opening planned for 23 November for entire route.
 - Stage 4b (Fisher Terrace Underpass) – Underpass is installed, due to be completed in May.
- Stage 5 (Fisher Tc to Kamo village)
 - Design is nearly complete for future links to Village, Kamo Intermediate & High Schools.

- We are seeking funds from NZTA for Stage 5 and other key minor links. Currently updating the existing business case before NZTA finishes their assessment of our proposal.
- Raumanga Shared Path – we are seeking funding for Bernard St to Maunu Rd portion and improvements to existing length between Cafler Park and Tarewa Park.
- City Centre including Onerahi link and improvements to Hatea Loop – this is being led through a combination of 'Blue Green Network', 'Inner City Development Plan', 'complete streets' and 'Speed Limit Reviews'. Over the next 12 months we will do further analysis of what the best combination of solutions are, ready for submission to the next LTP. We will need to complete a business case to obtain funding from NZTA.

NZTA Northland Integrated Cycle Network

- NZ Transport Agency, with funding from the Provincial Growth Fund (PGF) has completed a Detailed Business Case for 13 Coastal Trails within Northland. This is one of 6 detailed business cases that the agency received funding to complete in Northland, as part of the Twin Coast Discovery Highway and Byways Programme Business Case. The business case identified the economic potential of these trails and prioritise them for implementation. This will enable the councils to leverage off the business case for future funding opportunities such as PGF. Business Case is complete and has been submitted to the NZTA board for adoption and consideration. We are still awaiting feedback.

Waipu Walk & Cycle Trust

- Stage 2a Cullen Rd to Waipu Cove – Physical works has started, this involves some associated road works to be completed by Council.
- Stage 2b McLean Rd to Cullen Rd – We are working with DOC and Iwi to confirm the best route, likely this will be follow road rather than through the esplanade reserve.
- Stage 3 Riverview Place to Cullen Rd – the missing link to connect Waipu to Waipu Cove. Route planning works has nearly been completed, with an aim to finalise the route by Christmas and implement next few years. We have ruled out following the estuary after consultation with DOC, due to the Wild Life Refuge encompassing the area we were seeking to utilise.

New Footpaths

We have awarded most of the works to Broadspectrum and Downers:

- Paranui Valley Rd Stg 1. Works are complete, balance to be built of future years.
- Tawhai PI – works started
- Porowini Ave (near Z gas station) – near completion
- Okara Drive (Porowini Ave to Commerce St) – completed 2019-20
- Railway Rd (between Okara Dr and Railway Rd carpark) – under construction, to be completed by August 2019
- Mackesy Rd (end of road) – implement 2019/20.
- One Tree Point Rd – design 2019/20. Implement 2019/20 - 2020/21.
- Pipiwai Rd (near sports grounds). Construction in progress.
- Paranui Valley Rd Stg 2 – Design and implementation 2019/20 - 2020/21.
- Halifax to Town Centre (Waipu). Implement 2019/20 pending developer stormwater contribution.
- Albert St (Woods Rd to Clyde St) – works deferred until land ownership is resolved between Council and LINZ.

Te Matau a Pohe Road Light Replacement

- The order for the We-ef luminaires has been placed on 21 June and the luminaires are likely to arrive in Whangarei in October 2019.
- We are currently engaging a consultant to prepare an installation contract which is likely to be tendered in September and awarded in October. The installation of the luminaires is likely to be undertaken in November 2019.

LED Street Light Conversion

- The remaining 1,200 V-Category (arterial road) lights in Whangarei City have arrived on 13 May.

- The installation of the V-Category retrofit lights (ie swapping the old light for new LED) has been awarded to Currie Electrical and this work commenced in July with lights being installed on Rewa Rewa Rd, Kioreroa Rd, Riverside Dr and Onerahi Rd to date. In total, it will take 4 months for these lights to be installed.
- New tender documents are also being prepared for the installation of completely new V-Category infill streetlights (ie those requiring new poles). The tenders are likely to go out in October when the contractors are likely to have less work on.
- In addition to the above, there are another 360 V-Category lights that have been designed for rural towns. The orders for these lights were placed in July and should arrive in November.
- We are currently investigating both Auckland Transport's central management system (CMS) and the NB Smart Cities CMS to control the new LED streetlights.

Inner CBD Transport Model

- The Inner CBD Transport Model has been delayed while it is being peer reviewed. The base model has almost been finalised and optioneering is starting to be progressed in August. The packages of upgrade options will be modelled over the next two months, with results expected to be known by late September/early October. These options will include proposals identified in the Whangarei City Transportation Network Strategy and those resulting from the Complete Streets Masterplan project.

Whangarei District Road Safety Promotion Report July 2019

Road Toll	Total for all 2011	Total for all 2012	Total for all 2013	Total for all 2014	Total for all 2015	Total for all 2016	Total for all 2017	Total for all 2018	End July 2018	End July 2019	Annual Average 2006/10
Whangarei	1	6	9	10	11	9	14	14	11	9	13
Kaipara	0	4	3	1	2	9	5	5	2	4	4
Far North	6	4	9	7	10	9	22	16	9	6	13
Totals	7	14	21	18	23	27	41	35	22	19	30

Key Activities for July: Ongoing meetings for annual contracting.

SAiD (Stop Alcohol Impaired Driving): 6 completed the July Programme. Contracting is in progress.

Drive Soba: 8 completed a course in July which had a delayed start due to insufficient numbers last year. * are attending a course to complete in September. Numbers are dropping because of alcohol interlock only sentences being imposed.

Young Drivers Programme Passes

Ngatiwai: contracting in progress.

People Potential: 12/17 passed 2/7 Restricted 1 Full 6 mentors active. 9 Mentors gave 113 hours.

Motorcycle Safety: A Get Ride Ready Event for recreational motorcycle riders is planned for 7 September in Whangarei at the Canopy Bridge. All riders in and to Northland will be targeted in a multimedia campaign in the preceding three weeks to encourage recreational riders in to visit the site on the Canopy bridge. Also attending will be: Pro-rider and Passmasters – Ride forever providers; Chris Hurran – Motorcycle gear safety expert, NZ Police – motorcycle team member from Auckland, Helite Oceania with demonstrations of the safety inflation vest, one of which will be a prize in a competition. This will coincide with the National MAM(Motorcycle Awareness Month).

Restraints: Planning and contracting in progress

Ryda: NZTA review process in progress.

Fatigue Stops: In recess for Winter. Planning will commence in Spring.

Speed Promotion

Drive Smarta: The pilot is continuing with the third programme held in July. 9 were allocated, 3 commenced and 2 completed. While numbers are low, some initial communication problems are being resolved. Promotion of the course by police to JPs is planned. Further planning will be held with Ngatiwai Education Trust and Tokotoko Solutions Ltd which works with ex-offenders in the community.

Key district issues

- Young Drivers
- Alcohol and/or drugs
- Speed
- Rural speed zone loss of control/head on

Health and Safety: No health and Safety issues have been reported this month.

Other activities/Meetings: Road Safety Action Planning Meeting. Drive Resource Workshop, Get Ride Ready Meetings (2), Plunket planning meeting, NZTA workshop feedback meeting; Mentor planning meeting; Drive Smarta follow up. Community Networks Meeting, City safe Meeting.

Parks and Recreation

Operations

Walking Tracks

The winter weather continues to be kind to us with gentle rainfall. Our walking track network is in very good condition as a result. Work has commenced on the Boswell Track at the Waimahanga end where the walking track was woefully inadequate for the large number of cyclists now encouraged to use this route. Work being undertaken now includes drainage, realignment where blind corners existed and improvements to the wearing surface. A full upgrade by NTA was several years away and this health and safety work was essential as an interim measure.

The upgrade of the Mackesy Tracks has not surprisingly, been affected by soft ground conditions. Some of this work will not get completed until spring as a result. Where a good base has been created, steps are now in place and the final top wearing surface is to be flown in using a helicopter in August. This will mean that the majority of the work is done, just leaving the Kohe Road end to complete later.



Mackesy Bush walking track upgrade. New Steps awaiting surfacing.

Tree Maintenance

Treescape have had a good clear month working on street trees and 10 streets have been completed in the Kamo area. Two key arborists have been lost from the Treescape Team (gone to Northpower) and this may have some implications next month as these positions are back-filled. There is a national shortage of arborists currently with many companies seeking skilled staff from abroad, particularly the UK.

Two large trees have fallen from the Parks Reserve at Scow Landing and landed in the Ngunguru River. Treescape have been asked to remove these trees to make the river navigable again. Remaining coral trees on this reserve will be removed whilst machinery is on-site, something that Parks have wanted to do for many years.

A shake up within Northpower has resulted in numerous staff changes within the vegetation control team. This has big implication for WDC both with urban (Parks) and rural (NTA) areas. Fresh understanding around the maintenance of trees around power lines will need to be established but the opportunity to undertake all tree issues (WDC and private) in a single pass and with apportioned costs around traffic management for example, is being investigated.



Fallen tree blocking Ngunguru River at Scow Landing

Coastal Structures

The 1st portion of 2019/20 scheduled maintenance was reviewed and released to the contractor. The balance of work will become available subject to storm events and prioritization.

WSP/OPUS completed the high-level coastal feasibility assessment of the Onerahi Beach Road Seawall.

The state of disrepair of the section of Onerahi Beach Road seawall adjacent to the toilet block was highlighted in recent structural inspections. ("CON17035 - Parks and Coastal Structures Engineering Services Report 2018). The situation was exacerbated by a recent subsidence (tomo) event and the potential for erosion (or undermining) of the reserve has been identified as a concern to Whangarei District Council (WDC). Council is evaluating the appropriate remedial actions in circumstances such as these.

Sports Fields

Rainfall of 116.4 mm and cooler temperatures were the feature of July's weather conditions. Minimum temperature during the month was 4.6 degrees. Most fields are still coping well with wear.

Couch fields that have been transitioned into ryegrass for the winter have fared well and increased the wear capacity of the fields and also the look. They stay green, rather than go brown as the couch goes into dormancy.

Cricket renovation works all but complete, and the results are encouraging. This will put the blocks at Cobham Oval in good shape for the expected arrival of the England team to play two matches in mid-November.

Most senior rugby and rugby league has finished, while juniors will continue until the end of August.

Design work for renewal of training lights at Hora Hora sports park is complete and resource consent application is being done now.

Renewal of training lights at Otangarei rugby league field is complete with only testing and commissioning to be done.

The sand ridge on the eastern side of the sportsfields at Ruakaka has been cleared of vegetation in preparation for removal of the sand. The removal is subject of ongoing negotiations.

Average of audit results was 98.2 %, against a target of 90%.



Parks and Gardens

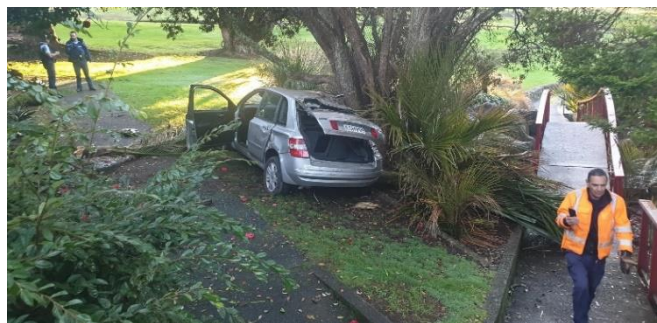
We had 116mm of rain this month which is about average for July. This included 24 days in which we had rain. While we haven't had any big falls, the constant rain is not allowing the ground to dry out and therefore the general ground conditions are getting wet and soft.

The contractor focussed mainly on their regular maintenance runs during the month of July, undertaking winter tasks such as pruning the roses at Cafler Park and completing planting jobs such as Okara Dr berm and the Entrance Way plantings.

At the Town Basin, the Poppies (which collapsed prematurely) in the bedding gardens around the sundial were replaced with Antirrhinums. The contractor has undertaken mulching at various sites including the Airport, Town Basin, Tutukaka Marina, Forum North, Murdoch Crescent, Onerahi Lookout, Mair Park, Whangarei Falls and AH Reed.

Despite the constant rain, the contractor has been able to mow most sites this month. The grass growth is pretty slow, so have managed to catch up on some weed eating around the District. During the latter part of July, the ground started getting very wet so there will be quite a few sites that mowers will not be attempting to get on moving into August and onwards (particularly if the current weather pattern continues).

The new turf at Laurie Hall associated with the recent path renewal project, cannot be mown with ride on, so the contractor is having had to mow it with hand mowers. This is due to the soil still being very soft and the potential of leaving heavy wheel ruts. We are still getting damage to turf area around the District caused by the public driving off roads onto berms or trying out their 4x4s in areas that are very wet.



The car that went over the Bank and into Laurie Hall Park

We had a car go through some bollards at Mander Park during the month. These bollards have been replaced and the site cleaned up. We also had a car lose control on Bank St, run over 2 gardens near the roundabout and then crash over the bank into Laurie Hall Park. This incident caused some damage to the plantings in the park, including destroying 2 Nikaus and a camelia. Dragging the car out caused some damage to the turf, but this was reasonably superficial and should recover quickly.

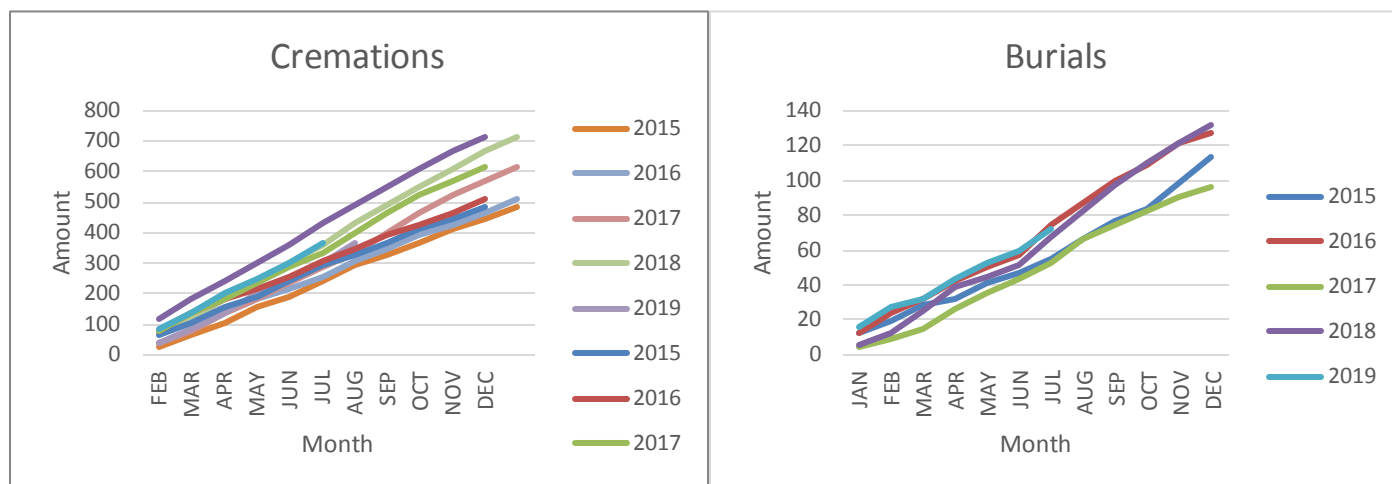
At Whangarei Falls we have undertaken some minor landscaping improvements around the carpark and on the other side of the river where the new path goes up from the bridge.

Playgrounds and Skate Parks

July was another quiet month with playgrounds. We only had a couple of issues including a broken basket swing at Sherwood Park and there was a lot of rubbish left at the Mair Park playground after a birthday party there.

Potter Park playground construction began at the end of July and will be completed for the scheduled park opening date on the 15th August.

Cemetery



With 12 burials and 10 cremains interments this month, the team has been busy. All the rain makes for a very mucky environment, especially with a large hedge and fence being removed this month. Another Natural burial this month bringing the total to 4. Our cadet Rawiri has returned to full duties after his car crash. He is a very lucky lad, and it is good to have him back on board.



Hedge and fence gone



Fence going up

Botanica

Visitor numbers for July: 1560

Comments from visitors.

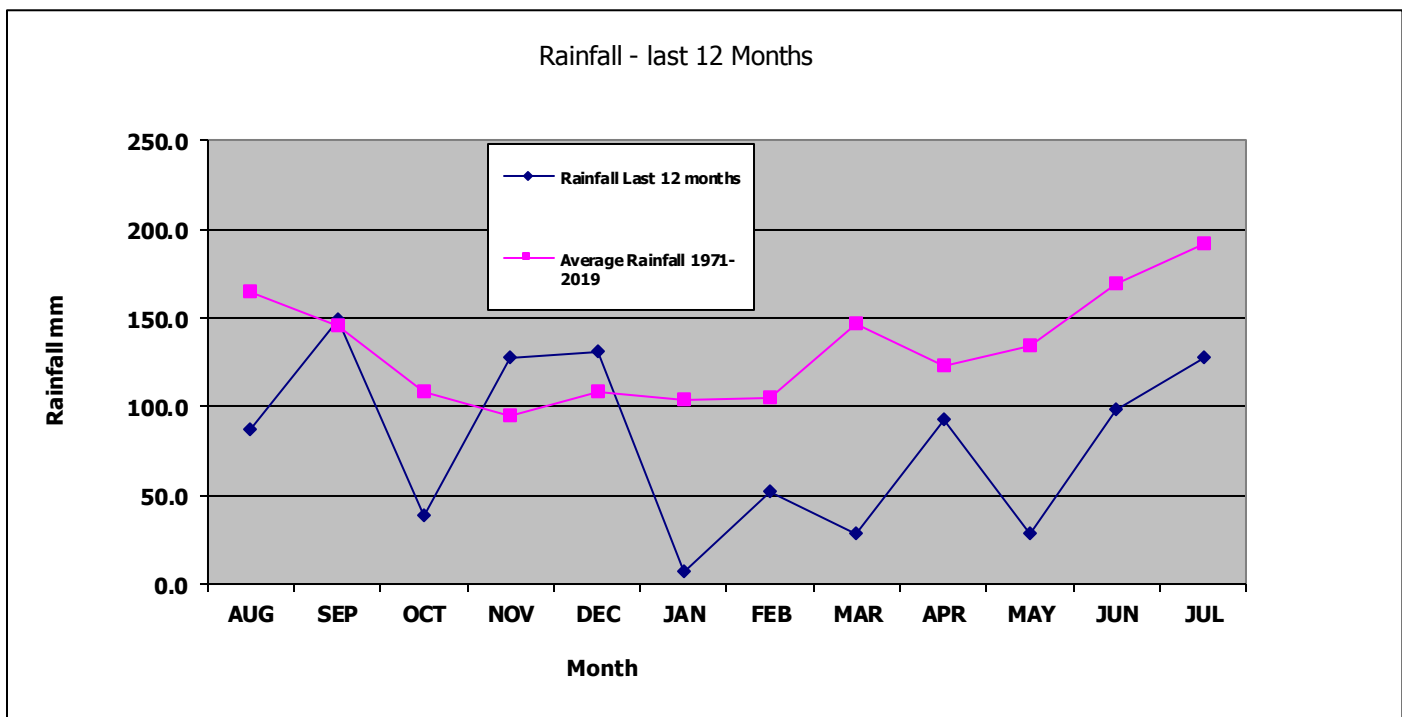
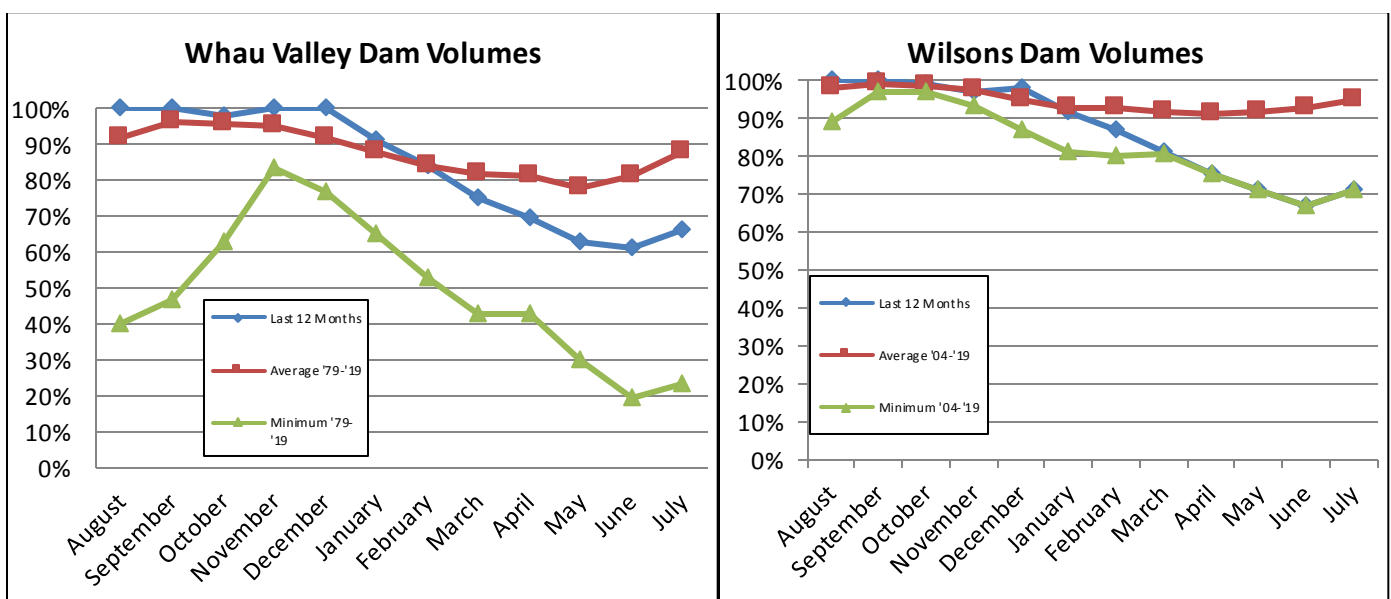
Date	From	How did you hear about Botanica?	Comments
5 July 2019	Bolivia	Friend from Madagascar	This place brings me back to the forest I grew up in. How wonderful.
11 July 2019	Westport	Family	Especially loved the mirrors
11 July 2019	Waiheke Is.	Walking past!	Lovely & peaceful. Thanks
14 July 2019	England	By chance, parked outside	Beautiful
20 July 2019	Whangarei	Frequent visitor	Always a pleasure
27 July 2019	Kamo	Stumbled across	So inspiring & great to ease the mind

Water Servicers

Operations

Rainfall and Water Sources

Only 127mm of rain fell at Whau Valley water treatment plant in July. This was well below the average for July of 192mm and continues the trend of consecutive months with below average rain. There has now been 7 consecutive months with below average rainfall. So far, this year we have had only 45% of the expected rainfall. The rainfall deficit for the year to date now sits at 539mm. However, the rain during July has had a positive effect on river levels and these have recovered. As a consequence, we have been able to take more water from rivers and streams and conserve the dams. This has allowed the Dams to recover slightly so that Whau Valley Dam is now at 67% and Wilsons Dam at 71%. Whau Valley Dam remains well below the average for the time of year of 81% and Wilsons is at it's all time lowest August reading, with the lowest ever in June at 67%. The levels are beginning to be of concern and staff have been utilising other sources to conserve the Dams. This has helped to slow the drop and a slight increase in rainfall has also helped. The three month forecast from NIWA now predicts average rainfall over the next few months. If this eventuates then we should be able to recover well before summer.



Production Report

Compliance

Whau Valley WTP – Plant was fully compliant for protozoa and bacteriological.

Ruakaka WTP – Plant was fully compliant for protozoa and bacteriological.

Ahuroa WTP – Plant was fully compliant for protozoa and bacteriological.

Ruddells WTP – Plant was fully compliant for protozoa and bacteriological.

Poroti WTP – Plant was fully compliant for protozoa and bacteriological.

Maungakaramea WTP – Plant was fully compliant for protozoa and bacteriological.

Mangapai WTP – Plant was fully compliant for protozoa and bacteriological.

Other works

The algal bloom at Wilsons Dam has reduced considerably over the winter. However, it has not disappeared completely with the water temperature in the lake not getting below 13°C yet. The compressors at both dams were switched off to allow the bloom to settle but they will need to be turned on again soon as the water heats up faster on the surface. If the bloom is not substantially removed before the compressors need to be restarted, then we may have to look at other methods to control it over summer.

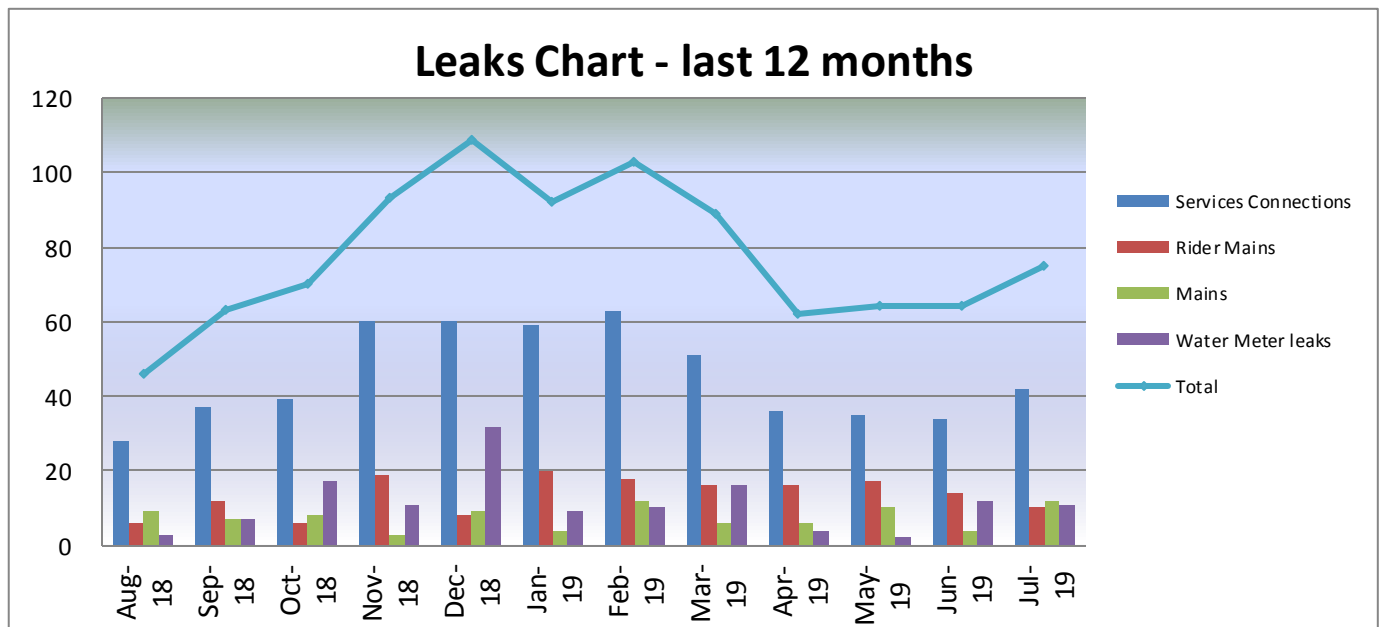
Distribution Report

Water Statistics

53	Connection leaks repaired
22	Rider/Main leaks repaired
23	New connections installed
20	Faulty meters replaced

A total of 53 service connection leaks were repaired together with 22 main and rider main leaks. The number of leaks is similar to last month and is expected to remain low over winter. However, as part of the ongoing leak detection programme, contractors have been targeting some high-risk areas to try and identify unreported leaks, which may account for the slight rise. A total of 23 new water connections were installed during the month and 20 meters were replaced after being reported faulty by the meter reader.

The following chart shows the number of leaks per category of pipe fixed under the maintenance contract during the last year.



Capital Works

Whau Valley WTP upgrade

The contract to construct the new water treatment plant at Whau Valley was awarded to Broadspectrum on 7 February. The Contractor has undertaken additional test bores to confirm the length of piles required. The piles arrived on site in the middle of July and piling operations are now well underway. The contractor is using a drop hammer to install the piles and this proved quicker than a vibrating hammer and no noisier. The contractor is managing to install up to 6 piles a day and piling is expected to continue until the end of September. The earthworks have been completed including the stormwater treatment system. Planning is underway for the pipelines in Whau Valley Road and first buildings. However, the majority of the buildings will not progress until after the piling is complete. The contractor remains on programme and to date there have been no significant variations.



Piling operations underway at the new water treatment plant site – Whau Valley

Ruakaka Clarifier Upgrade

The contract for the clarifier upgrade has been awarded to electrical company SEL Ltd. They ordered the scrapper equipment which has a long delivery time as it needs to come from overseas. However, as the upgrading of the clarifiers will require one clarifier at a time to be off line for up to six weeks. It is programmed for the first clarifier to be upgraded in August and it is now drained awaiting the arrival of the equipment. The second will be done once the first has been successfully commissioned.

Water Meter Replacement

This year's meter replacement contract was advertised and is due to close in early August. It is hoped to be able to replace 1000 meters this year.

Reticulation Programmed Works

Work is well underway on rider main replacements contracts that were awarded to the Watertight Company earlier in the year. The contract involves mains replacements in Dinniss Ave, Albert St, Brake Ave, Sherwood Rd, Henry St and Lovatt Cres. It is expected that it will take until September to complete all these mains. The water main that runs from the intersection of Fairway Drive and Whau Valley Road up towards the first one lane bridge on the way to the Dam is also being replaced. This main is cast iron, was installed in 1902 and it badly corroded. As the work area overlaps the new main installation area associated with the new water treatment plant, Broadspectrum have been awarded the work. They provided a price below the Engineers Estimate and using the incumbent contractor will help to minimise the impact to the public. Further main replacements are also being planned.

ISO

The Water Services department recently underwent their annual external ISO audit in accordance with the requirements of ISO 9001:2015. The auditor found no issues with the processes and procedures used by Water Services and no corrective actions were issued. Two observations were made relating to documenting weekly meeting outcomes at the treatment plant and providing documented evidence of the review of corrective actions. These have already been addressed. The auditor was happy with the knowledge of staff and the operation of the various systems and recommended the ISO status be extended for a further year.

Consents and Compliance

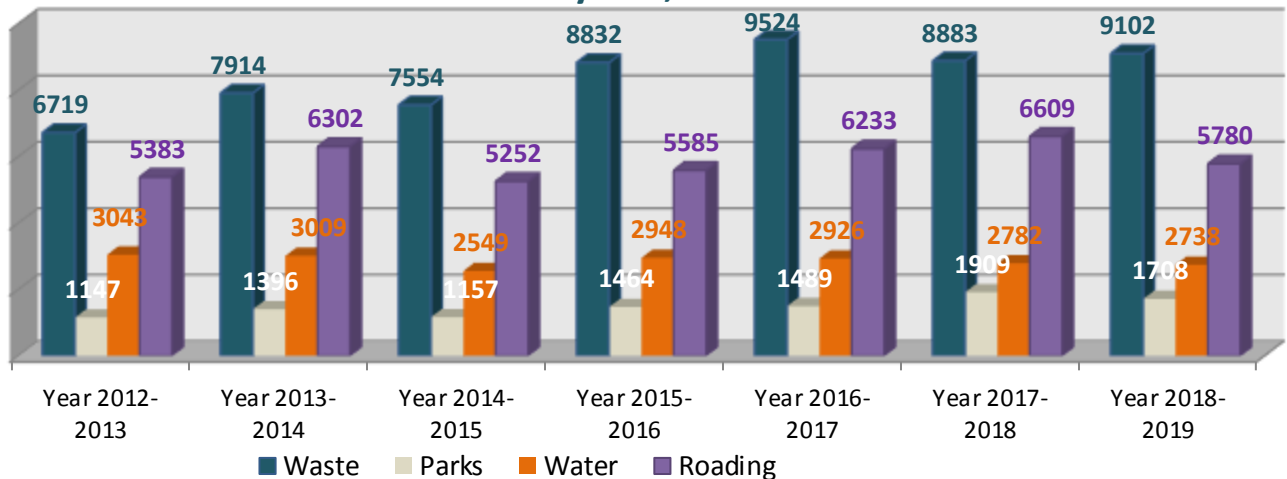
Laboratory Water Quality Tests

Description	Number of Tests	Failures	Results	Goal	Retest
E. Coli leaving WTP	6	0	100%	100%	N/A
E. Coli within distribution	24	0	100%	100%	N/As
Free Available Chlorine within distribution (above 0.2mg/l)	43	0	100%	95%	N/A

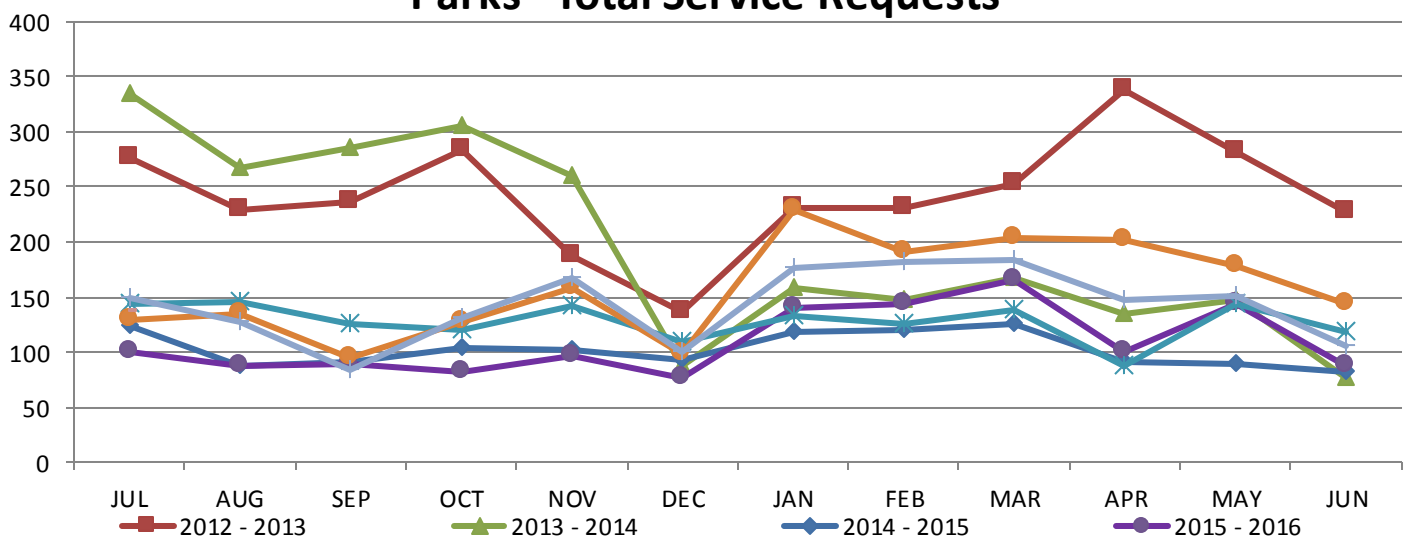
Customer Request Management Services (CRMs)

The Infrastructure Group received a total of 1725 CRMs in the month of July 2019, and 19328 CRMs received in total for 2018-2019 financial year. A total of 20,183 CRMs were received for the Infrastructure Group in 2017-2018.

Total CRMs for the Infrastructure Departments over the last 6 years, 2013 - 2019



Parks - Total Service Requests



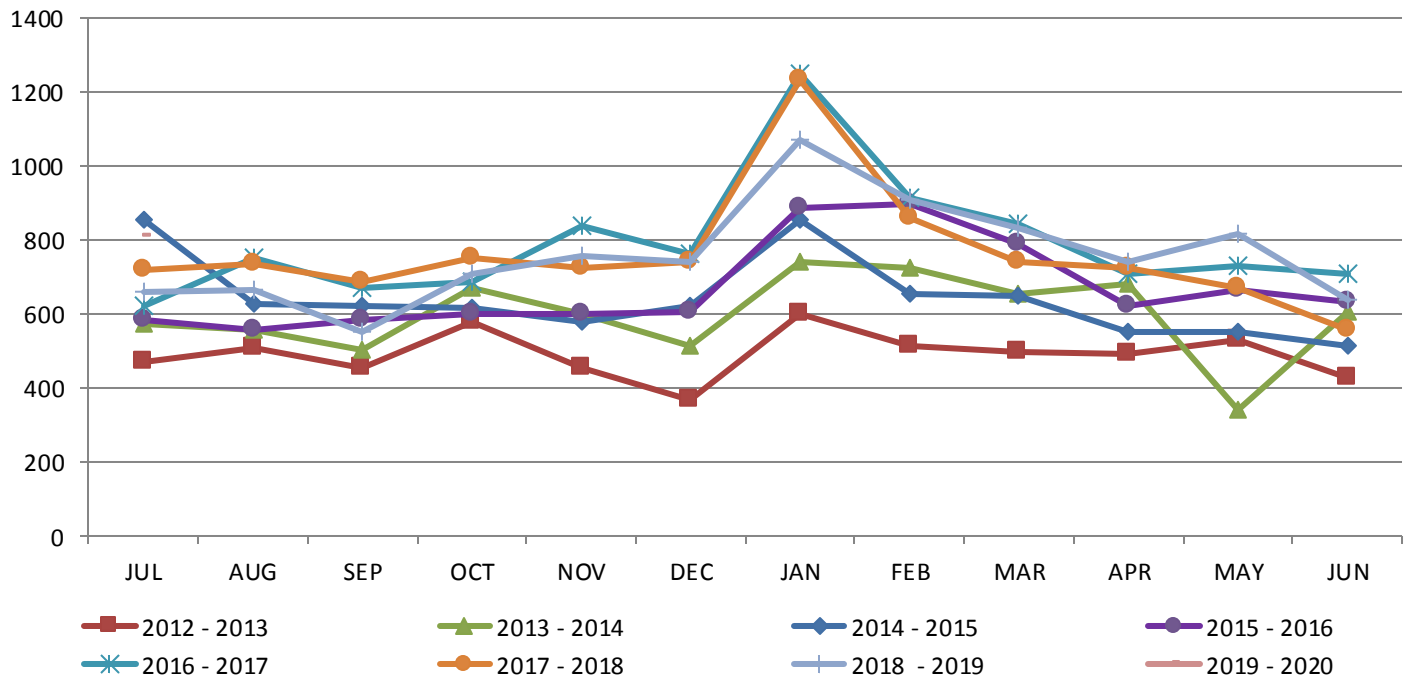
The Parks and Recreation team received 137 CRMs in July 2019. There was no Impressed or Dissatisfied feedback was received for the month. There was however some acceptable feedback received-

PRK014914- A large tree at a reserve at Fifth Ave had fallen over onto the retaining wall of a neighbouring property. Treescape assessed the job and removed the tree a few weeks later. The caller considered that this work was done in an acceptable timeframe.

The top five CRM issues for our Parks and Recreation Department for the month of **July** were:

- General Parks queries- 55 (eg access to reserves, Drone requests etc)
- Tree and Street Tree queries- 35 (eg tree fallen over/branches down)
- Cemetery enquiries- 12 (Burial enquiries etc)
- Playgrounds- 4 (Queries & issues re playgrounds)
- Parks Maintenance- 4 (maintenance queries & issues)

Waste - Total Service Requests



The Waste and Drainage Team received 814 CRMs in July 2019. There were 4 impressed CRMs and 1 count of dissatisfied feedback were received. Some examples of the calls are below-

July Impressed-

WA078037- A Household Pump Sewer Unit alarm sounded after hours at a Ruakaka property. Hydrotech visited the property and found the unit badly clogged with fat and wet wipes.

The pump unit was swapped over and the unit was operating again within a short timeframe. The caller was impressed with the helpful and prompt service.

WA077652-A resident at Kensington phoned in to Council asking why her paper recycling had not been collected. She was asked to take her papers back in and put them out again the following week.

Contractors couldn't advise Council just why this street had been missed however the caller was still very impressed with the follow up call resulting from her call.

July Dissatisfied-

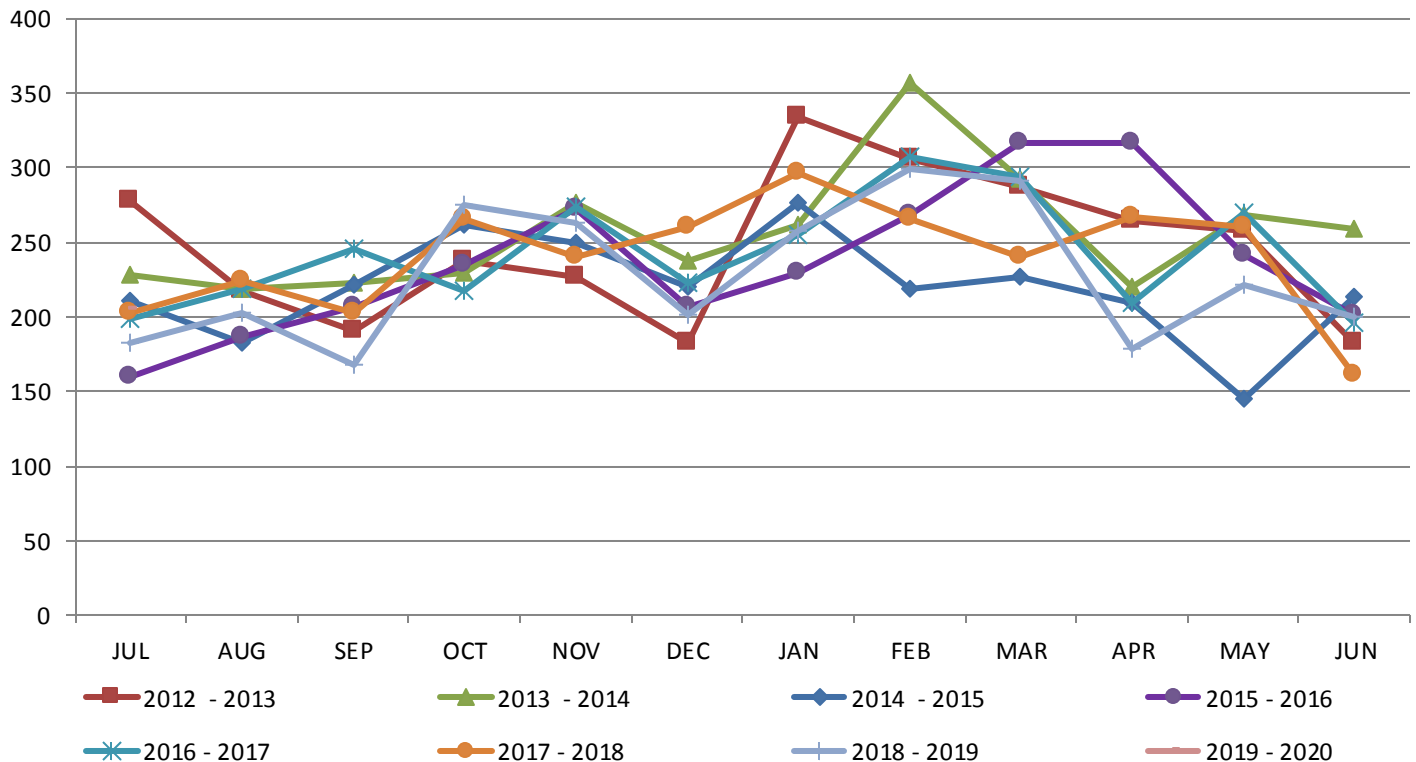
WA074946- A caller advised that there is always Litter in the walkway from Balmoral Road to Townsend Place and people are putting rubbish behind the transformer. A shopping trolley had reportedly been sitting there for a month also.

NWL had cleared the site more than once however found no sign of a trolley. The caller was however still unhappy with the service provided.

The top five CRM issues for our Waste and Drainage Department for the month of **July** were:

- Rubbish Queries – 171 calls (non-collection, fly tipping etc)
- Public Toilet queries/complaints 67 (eg Blocked toilet, soap dispenser empty).
- Sewer queries- 32 (eg blocked waste drain)
- General Waste queries- 17 (eg blocked storm drain)
- Stormwater queries- 16 (eg blocked storm drains)

Water - Total Service Requests



The Water Services team received 205 CRMs in July 2019. Water Services received 8 impressed calls during the month, with no dissatisfied call also received. Here's some examples of the feedback-

July Impressed-

WT032164 A water leak was reported at a property at Kamo Road. Downer visited the property and replaced a split fitting. The caller was impressed with how the repair was completed the same day that she had called it in.

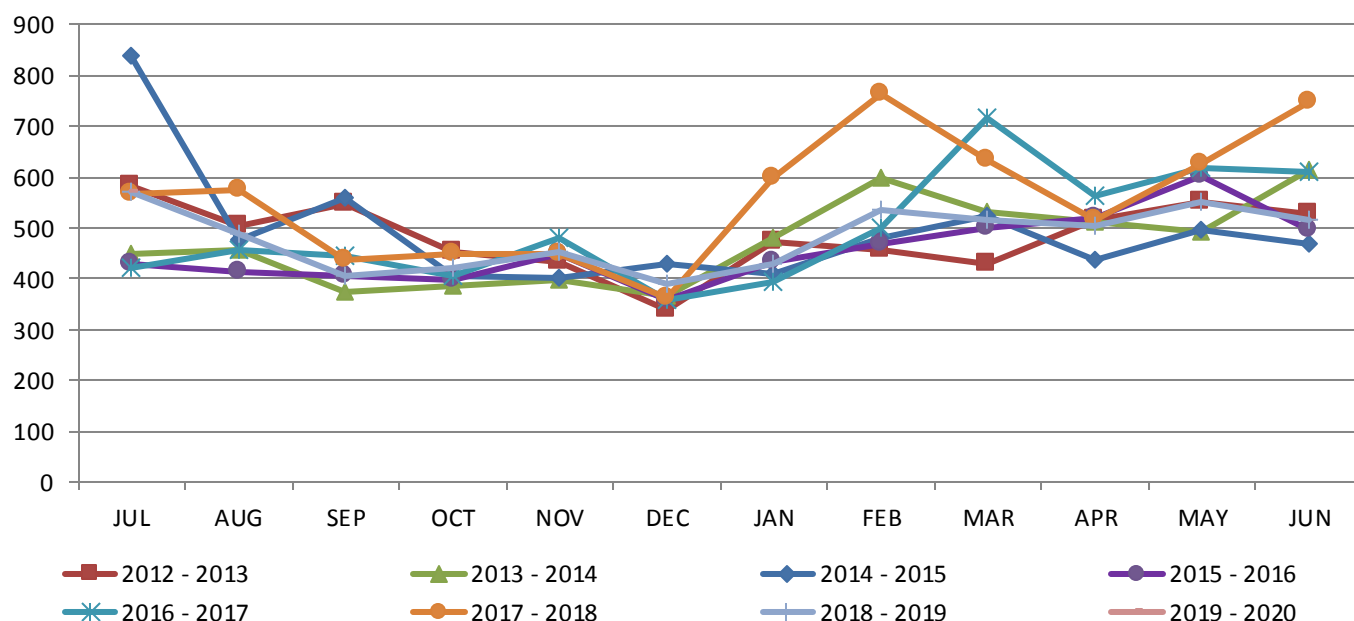
WT032258- Brown water was reported at a property at Albany Road, Ruakaka. Downer flushed the lines at the nearby Fire Hydrant and reinstated clear water.

The caller was pleased and impressed saying that the contractors did a great job.

The top five CRM issues for our Water Department for the month of **July** were:

- Water Leaks- 88 (Leak repairs or concerns)
- Meter Box Queries- 27 (New box, new meters)
- General Water Queries- 26 (General water enquiries)
- Water Taps/Valves- 11 (Valve leaks and issues)
- Water Investigations- 6 (Queries requiring investigation such as supply feeds)

Roading - Total Service Requests



The Roding Team received 569 Customer Service Requests in July 2019. Thirty follow up calls were made in the month of July. Twelve customers found our service acceptable. Seven customers were dissatisfied. Eleven customers were impressed by the Roding team and contractors.

Impressed Calls

RDG061876 - Vista Place

Street name blade for Vista Pl has gone missing

Feedback - Yes i was most impressed with how quickly and diligently they worked replacing the damaged sign and it tidies up nicely again thank you.

RDG061845 - Karaka Road

Full length of Karaka Rd is in desperate need of servicing to the hundreds of large potholes please

Feedback - Customer called to say thank you for a good job done.

RDG061353 - Millbrook Road

Bad pot holes in Millbrook Road, about 200 metres from SH 1 intersection.

Feedback - Phoned, customer confirmed pot holes were filled that day. Customer very happy.

Dissatisfied Calls

RDG060890 - O'Carroll Road.

Grader and metal top up desperately required in O'Carroll Rd please

Feedback - Metal was just pushed to the side of the road.

Follow – up - further work carried out by contractors on this road.

RDG061064 - Campbell Road

Campbell Road has been graded last week and it is worse than what it was.

Feedback – Customer not happy.

Follow up – further works done on Campbell Road.

The top five CRM issues for our Roding Department for the month of July 2019 were:

- 120 reports of Unsealed Road E.g. Maintenance and repair of unsealed roads.
- 87 reports of Unsealed roads E.g. General and Safety issues.
- 53 reports of Maintenance on Sealed roads E.g. Pot holes and Sweeping.
- 51 reports of Stormwater Issues E.g. Clearing and maintenance.
- 41 reports of signs E.g. maintenance and reinstatement

END OF REPORT

RESOLUTION TO EXCLUDE THE PUBLIC

That the public be excluded from the following parts of proceedings of this meeting.

The general subject of each matter to be considered while the public is excluded, the reason for passing this resolution in relation to each matter, and the specific grounds under Section 48(1) of the Local Government Official Information and Meetings Act 1987 for the passing of this resolution are as follows:

1.	The making available of information would be likely to unreasonably prejudice the commercial position of persons who are the subject of the information. {Section 7(2)(c)}
2.	To enable the council (the committee) to carry on without prejudice or disadvantage commercial negotiations. {(Section 7(2)(i))}.
3.	To protect the privacy of natural persons. {Section 7(2)(a)}.
4.	Publicity prior to successful prosecution of the individuals named would be contrary to the laws of natural justice and may constitute contempt of court. {Section 48(1)(b)}.
5.	To protect information which is the subject to an obligation of confidence, the publication of such information would be likely to prejudice the supply of information from the same source and it is in the public interest that such information should continue to be supplied. {Section 7(2)(c)(i)}.
6.	In order to maintain legal professional privilege. {Section 2(g)}.
7.	To enable the council to carry on without prejudice or disadvantage, negotiations {Section 7(2)(i)}.

Resolution to allow members of the public to remain

If the council/committee wishes members of the public to remain during discussion of confidential items the following additional recommendation will need to be passed:

Move/Second

"That _____ be permitted to remain at this meeting, after the public has been excluded, because of his/her/their knowledge of Item _____.

This knowledge, which will be of assistance in relation to the matter to be discussed, is relevant to that matter because _____.

Note:

Every resolution to exclude the public shall be put at a time when the meeting is open to the public.