



# Infrastructure and Planning Bulletin

## November 2021

## 1. REGULATORY SERVICES REPORT

(Memo from Senior Regulatory Officer – 05.11.2021)

### Alcohol licensing

The following alcohol applications were received:

2021/22	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Special licences	8	3	3	4	0*							
Managers certificates	5	3	6	1	1*							
Licence renewals	15	3	0	2	0*							
2020/21	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Special licences	6	3	3	4	7	4	4	5	10	8	3	5
Managers certificates	5	5	5	4	5	1	5	3	2	1	1	5
Licence renewals	0	0	0	0	0	2	0	0	1	0	0	1
New Licence	1	0	0	0	0	0	0	0	0	0	0	0
Licence variation	0	0	1	0	0	0	0	0	0	0	0	0
2019/20	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Special licences	9	3	6	2	13	3	5	2	3	1	0	1
Managers certificates	3	1	5	5	8	3	3	6	5	3	1	1
Licence renewals	2	0	3	0	0	1	0	0	0	0	0	2

\*as at 5 November 2021

### Abandoned Vehicles

The following customer service requests regarding abandoned vehicles were received:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2016/17	1	4	1	1	2	0	0	0	2	3	1	0
2017/18	1	0	0	1	1	2	1	3	0	0	1	1
2018/19	2	3	1	1	1	0	0	2	1	5	4	1
2019/20	5	6	5	4	2	2	3	4	6	3	2	1
2020/21	1	1	5	3	2	2	1	1	4	3	3	0
2021/22	2	4	1	0	0*							

\*as at 5 November 2021

### Noise Control

The following customer service requests for noise complaints were received:

2021/22	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Complaints	18	20	10	20	1*							
Seizures	0	0	2	0	0*							
2020/21	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Complaints	10	24	26	25	20	32	31	21	20	17	14	19
Seizures	0	0	0	0	2	2	3	0	0	0	0	1
2019/20	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Complaints	21	18	22	20	27	30	29	17	19	19	21	14
Seizures	1	0	1	0	1	3	0	0	1	1	0	0
2018/19	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Complaints	15	13	8	15	20	25	12	23	26	22	15	18
Seizures	2	0	0	1	0	0	0	2	0	1	1	2
2017/18	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Complaints	9	11	11	18	15	16	16	14	13	11	8	11
Seizures	0	2	0	0	0	0	1	0	0	0	0	0
2016/17	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Complaints	18	16	23	24	26	27	22	39	26	16	11	15
Seizures	1	1	2	2	2	0	0	3	3	0	0	0

\*as at 5 November 2021

## Litter

The following customer service requests regarding dumped rubbish were received:

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2016/17	4	4	1	0	5	0	0	6	5	1	5	6
2017/18	1	10	2	0	2	1	5	1	1	3	6	1
2018/19	1	6	4	2	2	2	8	3	2	4	6	3
2019/20	4	2	4	1	0	2	4	2	3	1	3	3
2020/21	4	0	3	3	6	2	3	4	6	3	3	5
2021/22	1	1	1	4	1*							

\* as at 5 November 2021

## Animal Control

The following customer service requests regarding animal control were received:

Customer Service Requests 2021/22	July	August	September	October	November	December	January	February	March	April	May	June	Total
Dog attack	3	2	0	2	0								7
Enquiries	3	2	5	2	1								13
Barking	9	8	10	7	1								35
Lost/found	9	3	9	14	1								36
Rushing	0	0	3	0	0								3
Wandering	11	13	12	13	3								52
Stock/Poultry	13	13	5	9	2								42
Dogs impounded	3	2	4	6	2								18
Stock impounded	3	0	0	0	0								3
Infringement notices	1	0	0	0	0								1
Dogs rehomed	0	2	0	1	0								3
Abatement notices	1	0	0	0	0								1
Menacing classification	0	0	0	0	0								0
Dangerous classification	0	0	0	0	0								0
Prosecution	0	0	0	0	0								0

\* as at 5 November

[illegible]

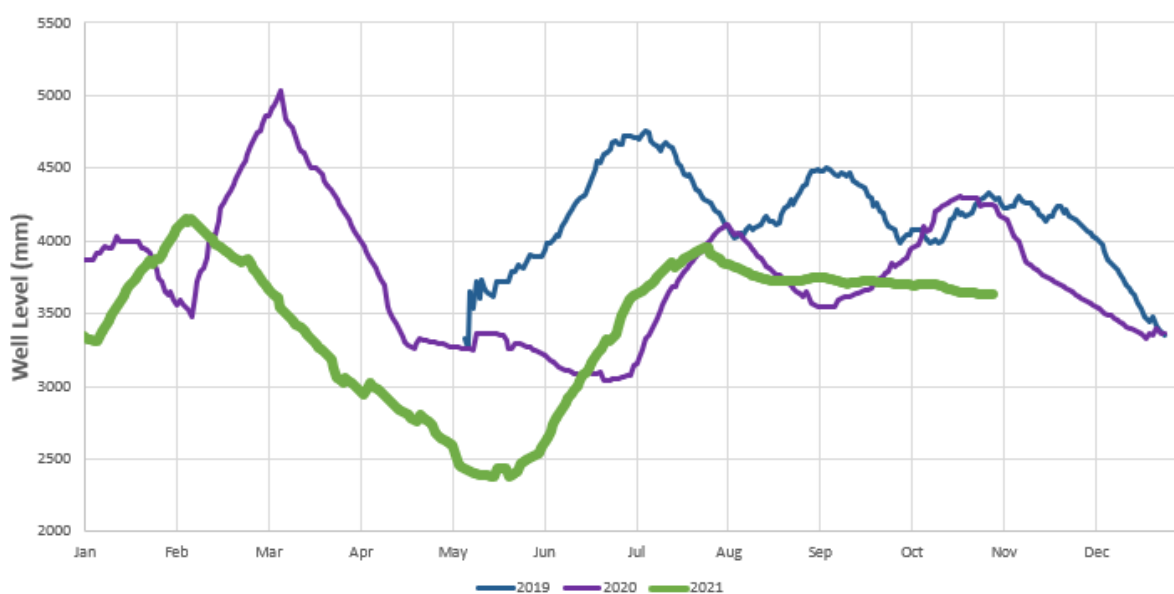
## 2. REPORT FROM THE THREE WATERS MANAGER (Matt Bayliss)

### Drinking water

#### Gore raw water sources and consumption

- Levels in the Gore water supply wells are below average for this time of year. If we do not get significant rainfall between now and the end of the year, the resilience of the new Coopers No 4 Bore is likely to be tested over the summer period. If the Coopers No 4 Bore cannot keep up with demand we can however use the emergency water take from the Mataura River to supplement this.

Coopers No 4 Well Level (Rolling 30 Day Average)



- The upgrade of the East Gore water treatment plant is progressing well with the internal fitout now well progressed. Commission of the new plant is planned to occur early in 2022. It is hoped we can arrange a site visit for Councillors prior to the end of the year.
- Preliminary design work for the Hilbre Avenue reservoir replacement is underway. As part of this work, consideration needs to be given to the long term future of the Hilbre Ave Water Tower. A report regarding this will be submitted to the Council in the near future. At this stage construction work on the new reservoir is planned for the 2022/23 financial year however this is dependent on the proposed Longford shared bridge and associated pipeline first being installed.
- Resource consent has been obtained and a contractor engaged to undertake drilling at the Jacobstown Well Field to investigate the potential to expand this water source. The drilling is programmed to be completed in November 2021.
- Environment Southland is consulting with the Council and all other consent holders with water takes from the Mataura River above Gore, regarding the over-allocation of the river under the Water Conservation (Mataura River) Order 1997. Environment Southland is proposing to work with existing consent holders to investigate options to address this over-allocation issue. How this might affect the Council's water supply takes is not currently clear however the Council staff plan to keep a close eye on this, and an update will be provided to the Council in due course.
- This year the Roding and 3 Waters departments are working together to proactively replace any old water laterals before re-sealing is completed. It is hoped this will prevent the Council from digging up newly sealed roads to repair water leaks. A total of 39 water laterals have

been identified for replacement on Churchill Avenue, Broughton Street, Grant Street and Gorton Street. While efforts are being made to get this work completed prior to the start of the re-sealing season, contractor availability is however hindering progress.

#### **Mataura raw water sources and consumption**

- The flow into the Pleura Dam has been as expected over the winter period. In accordance with the requirements of the Council's resource consent, a review of the existing fish screen on the Council's intake has been completed and provided to Environment Southland. Some improvements of the fish screen have been recommended and once acceptance of the proposed improvements is received from Environment Southland a plan to implement these will be developed.
- A leak detection survey of the Mataura reticulated network has been completed. This identified a total of 39 leaks with an estimated total water loss 180 m<sup>3</sup>/day. This equates to approximately 16% of the total Mataura water demand. Approximately half of these leaks are in the Council's network with the other half being located in private property. The leaks in the Council network have now been repaired and staff are now working with property owners to identify and resolve the leaks located in private property.
- In May and June this year there was a significant increase in water consumption in Mataura. As a result of the leak detection work, water consumption has been trending down over recent months. Consumption for September and October was however still approximately 8% higher than the five-yearly average for that time of year.
- After the success of the recent trial to use an alternative methodology to de-silt the Pleura Dam, a further phase of desilting is being planned for autumn 2022.
- Resource consent has been obtained and a contractor engaged to undertake investigative drilling to assess the potential for an alternative groundwater source at two sites near Mataura. These sites are located in Council-owned land near the end of Bangor Street and in road reserve along River Road. This drilling work is programmed to be completed in November 2021.
- Due to the recent lockdown the project to upgrade the isolation valves downstream of the treated water reservoir in Mataura had to be postponed. Staff are currently waiting on the contractor to confirm a date to undertake this work. This work will require a full shut down of the water supply into town, this will however be completed during the night to minimise disruption to consumers.
- Due to key design staff being located in Auckland and not being able to visit the site, there have been some delays in the design work of the Mataura Water Treatment Plant Upgrade. A decision has now been made to complete a full survey of the site to allow design work to be progressed remotely.

#### **Otama rural water supply**

- As expected during this time of year water consumption for the scheme has generally been low. While the "Kennedy Road" area of the scheme was experiencing ongoing high demand, Council staff have recently managed to identify "hidden" leaks which appear to have resolved this issue.
- The Otama Referendum which will determine the consumers' preferred ownership is now underway. The period for inspecting the electoral roll closed on Thursday 14 October 2021. Voting papers will be sent out in mid-November with voting open from Thursday 18 November until Friday 10 December 2021.
- A committee meeting was held on 1 November 2021, and a further meeting is being planned for February 2022 to discuss the outcome of the referendum and implications on the ongoing operation of the scheme.

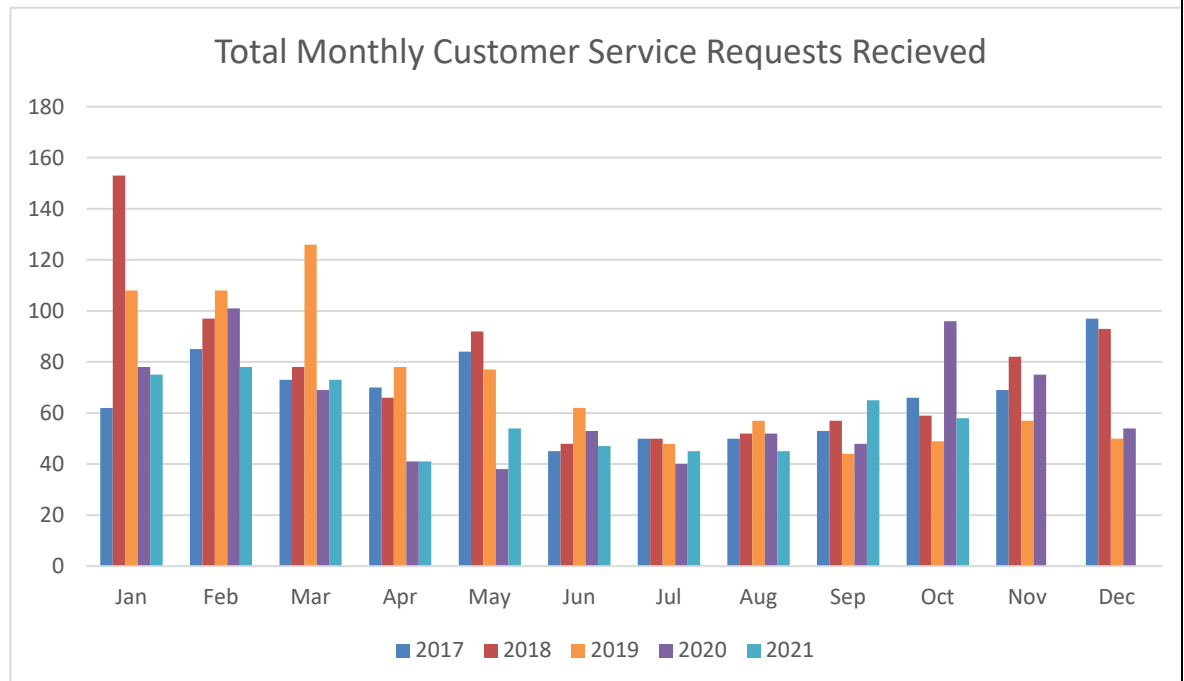
- A project to proactively replace water restrictors throughout the scheme is currently being completed.

#### **Wastewater and Stormwater**

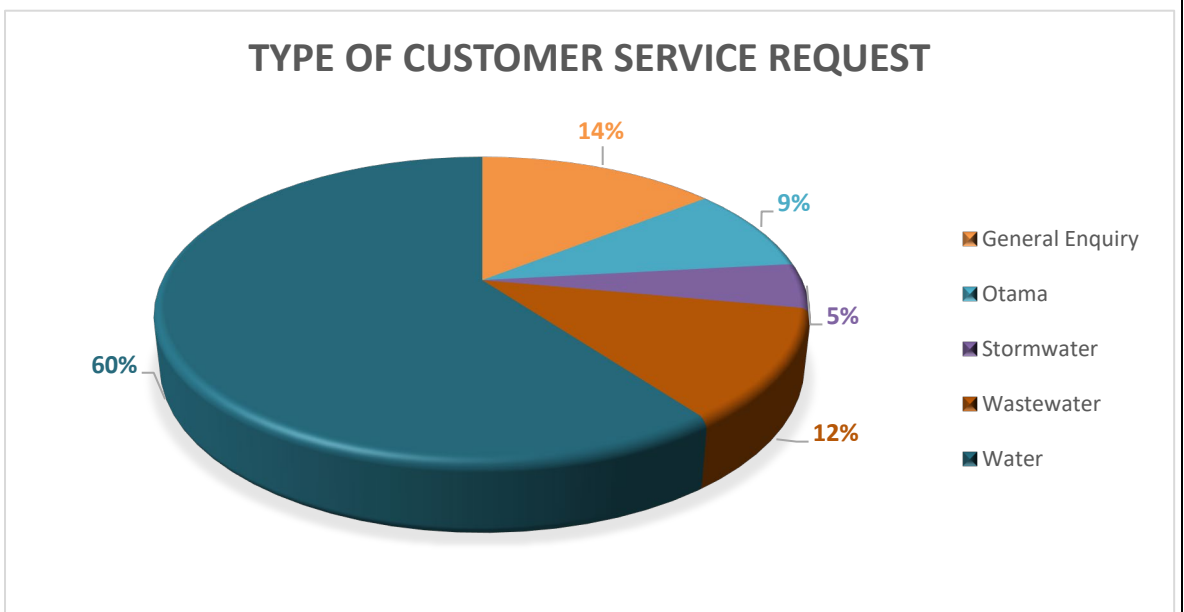
- All three of the Council's wastewater treatment plants are performing well, with no discharge consent exceedances being recorded during the current reporting period. Recent discharge results from the Gore wastewater treatment plant have however been very close to the 80<sup>th</sup> percentile consent limits.
- The reliability issues with the flow meter at the Waikaka wastewater treatment plant have now been resolved.
- The new control system for the Actiflo plant at the Gore wastewater treatment plant has now been commissioned. While there have been some minor commissioning issues, the new system is providing the operators with improved control and monitoring information allowing the performance of the Actiflo plant to be optimised.
- Council staff are working with WSP consultants to develop a plan to cost-effectively de-sludge "Pond 1" of the Gore Wastewater Treatment Plant. A resource consent application is currently being prepared to allow this work to be completed.
- As a result of an abatement notice being received from Environment Southland due to sediment being discharged into Falconer Creek late last year, investigations are underway to identify the source of contamination. In addition to this, the development of a Stormwater Bylaw will ensure the Council has the appropriate authority to require private property owners to manage their stormwater discharge. Consultation with the public on the bylaw will occur early in 2022.
- SouthRoads have been engaged to replace two sections of stormwater main on River Street that pass below the stopbanks. At this stage this work is planned to be completed in December this year.
- Jetting and CCTV inspections of the Council's wastewater mains, as part of the project to develop a wastewater renewals strategy, have now been completed. The data from this work is now being collated and analysed. Once this has been completed it will be combined with the existing data the Council holds and used to develop a renewals strategy.
- Fulton Hogan are making steady progress on the Wigan Street project. Replacement of the watermain is expected to be completed by mid-November. Fulton Hogan will then move onto replacement of the wastewater main. Design work for the replacement of the next section of this wastewater main (which passes through private property, the rail corridor, the Tate Highway, and the Ardwick Street playground) is being progressed. The replacement of this section of pipe is planned to occur in the 2023/24 financial year.
- Construction on the Elizabeth Street project was originally programmed to begin in February 2022. However due to changes in other projects Fulton Hogan are now considering starting this earlier. An exact start date is yet to be confirmed.
- Another meeting with Environment Southland will be held on Tuesday 30 November to discuss the planned upgrade of the Gore and Mataura stop banks and progress regarding actions as a result of the February 2020 floods.
- Pattle Delamore Partners (PDP) have now been engaged to assist the Technical Working Group that has been established with Hokonui Runanga to investigate land disposal options for both the Gore and Mataura wastewater treatment plants. The working group met in late October with a further meeting planned in early December.

### Customer service requests (CRM)

- A total of 168 CRMs were received between 1 August and 31 October 2021. This is approximately in line with the five-yearly average of 170 for this time of year.



- Of the 168 CRMs received during August, September, and October, 60% were associated with water supply, 9% with the Otama rural water supply, 12% with wastewater, 5% with stormwater and 14% with general enquiries.



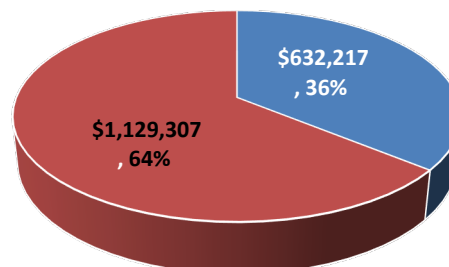
### 3+. REPORT FROM THE ROADING TEAM

#### **Maintenance contract**

(Term 3+2+2)

**Fulton Hogan**

**\$1,761,524**



**This contract is for the routine maintenance of the Gore roading network.**

- The Road Maintenance contract commenced in September 2017.
- This contract has completed its first three years.
- The Council approved the award of separable portion two of the contract, which extends the contract period to 30 June 2022.
- Routine rural work includes drainage work/culvert replacement, grading, metalling, bridgework, signage.
- Urban work includes street sweeping, kerb and channel, potholes, signage, mud tanks, rubbish, spills, leaf drop.
- The budget for 2021/22 is \$1,761,524 (Inclusive of drainage work). The total spent at the end of October was \$632,217.
- Better weather conditions during the period enabled further catching up with gravel road maintenance. The improved overall condition of gravel roads reflected this.
- Road users reported a number of issues on gravel roads including requests for grading and metalling.
- More roads were affected by mud transported from gateways than normally experienced.
- Callouts to accidents and other incidents continued during and after work hours.



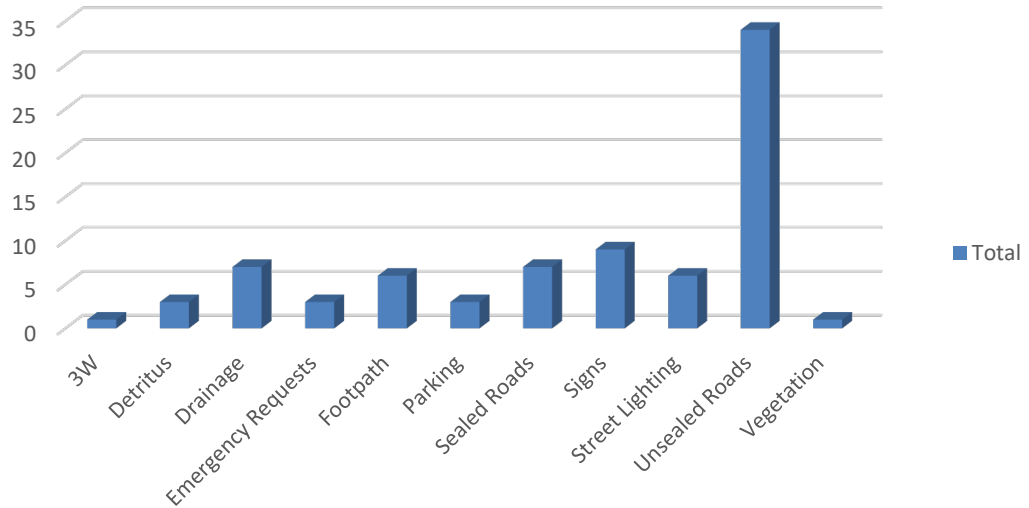
*Watercutting excess bitumen from sealed pavement – Reaby Road*



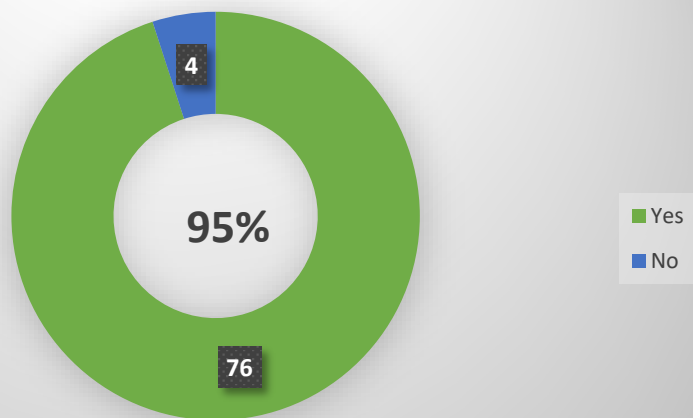
## CRMs

### Enquiries by activity

CRM's September - October 2021



### Enquiries completed on time



CRM closure times improved significantly during the period. The number of CRMs received reduced which helped improve closure times.

### Routine maintenance (September – October)

#### Grading



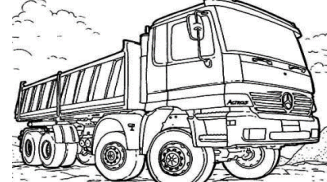
274km

#### Sweeping



800km

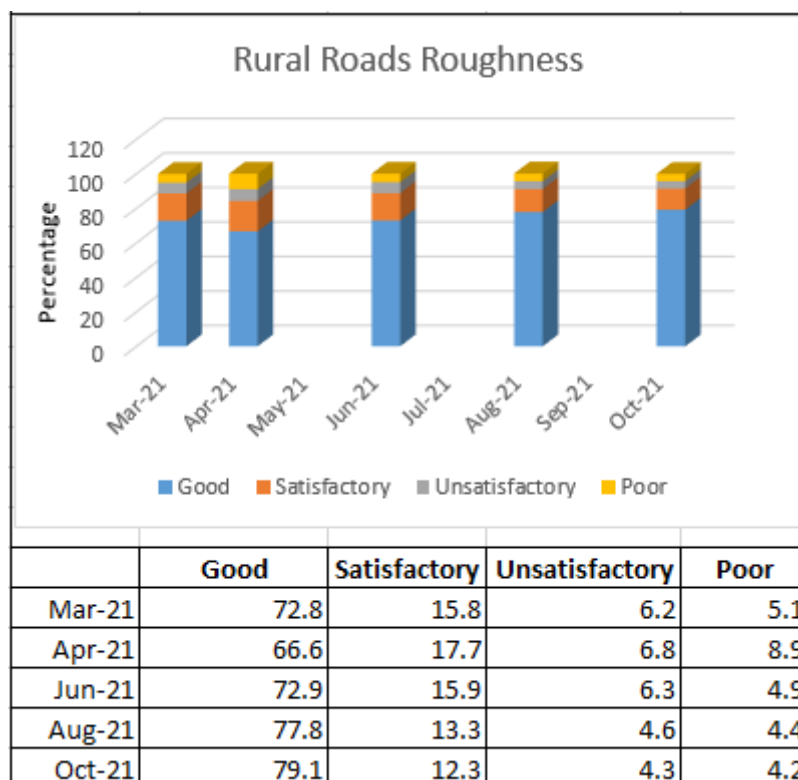
#### Metalling



416m<sup>3</sup> placed

### Network condition

- Rural road inspection - road roughness (using Roadroid apps).

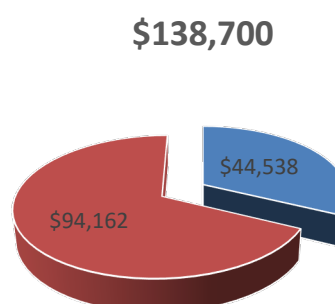


### Roadroid audit results

The Roadroid inspection results provide an objective view of the overall condition of the gravel roads contained on our network. It is pleasing to note the improving trend and relatively high proportion of the network classified as either good or satisfactory. This has gone from a low of 84.3% in April to 91.4% in October.

### Vegetation Control Contract (Term 3+2)

#### Southern Vegetation Control



**The contract includes the spraying of the townships as well as some rural roads and the state highway.**

- The contract commenced on 31 October 2017
- This contract was extended in September 2020 for a contract period of two years.
- The budget for 2021/22 is \$138,700. Total spent to 31 October was \$44,538.
- Urban spraying has been completed in Mataura and is well underway in Gore.
- Rural shoulder spraying is also underway.

- Spot spraying of rural pest plants to deal with isolated plants missed in the autumn spray is underway.



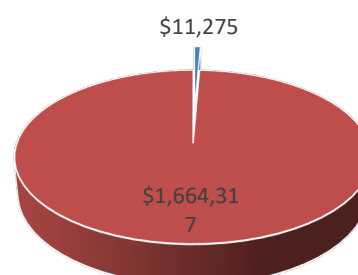
*Footpath weedspraying in Gore*

#### **Resurfacing Contract**

(Term 1+1+1)

**Fulton Hogan**

**\$1,675,592**



**The contract included both the resurfacing and pre-seal repair work across the road network.**

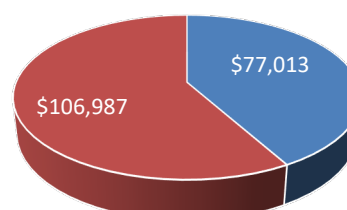
- This contract has been extended for a period of one year to November 2022.
- The Budget for 2021/22 is \$1,675,592, which includes resurfacing and pre-reseal repairs.
- Expenditure of \$11,275 has been made for site investigations.
- Completion of the seal designs is expected by mid-November.
- Pre- reseal repairs are underway.

#### **Concrete Repair Contract**

(Term 1+1+1)

**McDonough Contracting**

**\$184,000**



**Replacing lengths of the footpath, reforming some vehicle crossings and replacing broken channels.**

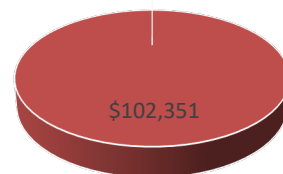
- Budget for 2021/22 is \$184,000. Total spent to 31 October was \$77,013.
- Work programmed includes vehicle crossings, kerb and channel and concrete footpaths.
- Footpath replacement works were completed in Duke and, William Streets.
- Access repairs were completed in Miro Street at Paddy's Bin yard.
- Re-procurement for this work will not allow commencement of a new contract until mid next year. Although the current contract is due for completion in November 2021 negotiations are currently being made with the incumbent contractor to continue with the contract until 30 June 2022.

**Road Marking Contract**

(Term 1+1+1)

**Roadmarkers New Zealand**

**\$102,351**



**Re-marking work across the network, both urban and rural.**

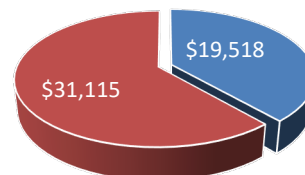
- Budget for 2021/22 is \$102,351. No expenditure has been made so far this season.
- The Council accepted a recommendation to extend this contract by a year in recognition of the effects of the 2020 floods and Covid 19 lockdowns on the work programme.

**Footpath Resurfacing Contract**

(Term 1+1+1)

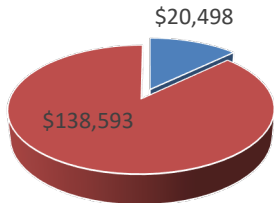
**Central Western Roding**

**\$50,633**



**The contract is for the replacement of sections of asphalt footpaths.**

- Budget for 2021/22 is \$50,663. Total spent to 31 August was \$19,518.
- The upgrade of a section of kerb and footpath on Waimea Street was completed.
- Re-procurement for this work will not allow commencement of a new contract until mid next year. Although the current contract is due for completion in November 2021 negotiations are currently being made with the incumbent contractor to continue with the contract until 30 June 2022.

<p><b>Seal Repair Contract</b> (Term 1+1+1)</p> <p><b>Fulton Hogan</b></p>	<p>\$159,091</p>  <table border="1"> <caption>Seal Repair Contract Breakdown</caption> <thead> <tr> <th>Segment Color</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Red</td> <td>\$138,593</td> </tr> <tr> <td>Blue</td> <td>\$20,498</td> </tr> <tr> <td>White</td> <td>\$159,091 - \$138,593 - \$20,498 = \$0</td> </tr> </tbody> </table>	Segment Color	Value	Red	\$138,593	Blue	\$20,498	White	\$159,091 - \$138,593 - \$20,498 = \$0
Segment Color	Value								
Red	\$138,593								
Blue	\$20,498								
White	\$159,091 - \$138,593 - \$20,498 = \$0								
<b>Staffing/Health and Safety</b>									
<ul style="list-style-type: none"> <li>• The Covid response for our field teams has just become another part of their routine health and safety preparations.</li> <li>• Our contractor has indicated that many of the maintenance tasks undertaken by our rural routine operators will require two staff going forward due to safety concerns. This will impact on existing budgets.</li> <li>• There have been no health and safety incidents reported by our team in the last few months.</li> <li>• The Roding team consists of an operations manager and an asset manager supported by our project manager and contractor secondment (Fulton Hogan).</li> <li>• The loss of GIS staff has impacted on our team especially around traffic counting and street light reporting.</li> <li>• The department's hazard register has recently been updated.</li> </ul>									
<b>Road Safety Southland</b>									
<ul style="list-style-type: none"> <li>• We continue to work with the southern region safety team (ICC, SDC, GDC) to promote learning initiatives for our public such as "Drive my Life", Smart Streets (safe driver awareness) and our school programmes.</li> <li>• Another programme of Right Track began in October.</li> <li>• Regional safety advertising and sponsorship continues.</li> <li>• This delivery is about to broaden into bike safety and training.</li> <li>• A programme of safety work is underway addressing the deficiencies identified in our recent night audit: signage, delineation and street lighting.</li> <li>• We continue to work with NZTA Safety Team with their national initiative, Road to Zero (develop a safe system free of death and serious injury). We have highlighted several intersections within our network that require safety treatments. There may be a chance that these projects will be supported in the next few years.</li> <li>• A recently developed nationwide speed platform will enable future regional speed reviews.</li> </ul>									
<b>Asset Management</b>									
<ul style="list-style-type: none"> <li>• The 2021-24 roading programme is now well underway after the initial uncertainty around funding. Gore has received funding support for 93% of our proposed programme.</li> <li>• Traffic counting. Our programme of traffic counting is being continued around the network with assistance from our maintenance subcontractor (K2).</li> <li>• WDM. Highspeed testing of the sealed network has been confirmed for March 2022.</li> </ul>									

- All of the RCAs in the country are continuing to transition our road classification model from a One Network Road Classification (ONRC) to One Network Framework (ONF). This change will the focus from traffic counts to more around place and purpose.
- Bridge work. WSP have re-inspected the District's restricted bridges. Capacity calculations are about to be carried out.
- The next stage will be to develop a structures replacement programme for the next three years and get design work underway.
- Oldham Street. Expressions of interest have been received for the design of this seal extension, the intent is to have the design carried out this financial year, looking to install in the 2021/22 construction seasons.
- Some of the team's regulatory and auditing duties are now being carried out by consultants. (These include traffic counting, TMPs/CARs, footpath audits.)

#### **Active modes forward work programme**

A programme of work is being designed to improve walking and cycling around Gore.

- Crossings, roundabouts, thresholds: design work is in progress
- Irk Street: urban designers will be working with the Irk Street community
- State Highway crossing – Hamilton Park: working with NZTA project team and KiwiRail
- Seating and lighting: working within existing work programmes/ Parks
- State highway intersections: working with NZTA *"Highways Southland"*

Certain aspects of the recent trials still remain today. They are either a permanent fixture or are waiting to be programmed for a permanent solution.

#### **The next steps:**

- Complete design
- Co-design workshop with the Irk Street businesses
- Council approval
- Public consultation on this programme
- Secure future funding from NZTA to advance a programme of replacement work.