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## NOTICE OF MEETING

**Notice is hereby given of the Meeting of the  
Infrastructure Committee to be held in the Council  
Chamber, First Floor, Te Hinaki Civic Building,  
101 Esk Street, Invercargill on  
Tuesday 6 June 2023 at 3.00 pm**

Cr I R Pottinger (Chair)  
Mayor W S Clark  
Cr A J Arnold  
Cr R I D Bond  
Cr P M Boyle  
Cr T Campbell  
Cr A H Crackett  
Cr G M Dermody  
Cr P W Kett  
Cr D J Ludlow  
Cr L F Soper  
Rev E Cook – Māngai – Waihōpai  
Mrs P Coote – Kaikaunihera Māori – Awarua

MICHAEL DAY  
CHIEF EXECUTIVE

## Infrastructure Committee - Public

06 June 2023 03:00 PM

Agenda Topic	Page
1. Apologies	
2. Declaration of Interest	
a. Members are reminded of the need to stand aside from decision-making when a conflict arises between their role as an elected representative and any private or other external interest they might have.	
b. Elected members are reminded to update their register of interests as soon as practicable, including amending the register at this meeting if necessary.	
3. Public Forum	
4. <a href="#">Minutes of the Infrastructure Committee Held on 02 May 2023 (A4505174)</a>	4
5. <a href="#">Solid Waste Update (A4566001)</a>	9
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10. Public Excluded Session	
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### Public Excluded Session

Moved , seconded that the public be excluded from the following parts of the proceedings of this meeting; namely,

- a) *Confirmation of Minutes of the Public Excluded Session of the Infrastructure Committee held on 2 May 2023*

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:

<b>General subject of each matter to be considered</b>	<b>Reason for passing this resolution in relation to each matter</b>	<b>Ground(s) under Section 48(1) for the passing of this resolution</b>
(a) Confirmation of Minutes of the Public Excluded Session of the Infrastructure Committee held on 2 May 2023	<b>Section 7(2)(i)</b> Enable any local authority holding the information to carry on, without prejudice or disadvantage, negotiations (including commercial and industrial negotiations)	<b>Section 48(1)(a)</b> That the public conduct of this item would be likely to result in the disclosure of information for which good reason for withholding would exist under Section 7

**MINUTES OF INFRASTRUCTURE COMMITTEE, HELD IN THE COUNCIL CHAMBERS, FIRST FLOOR, TE HINAKI CIVIC BUILDING, 101 ESK STREET, INVERCARGILL ON TUESDAY 2 MAY 2023 AT 3.00 PM**

**Present:**

Cr I R Pottinger (Chair)  
Mayor W S Clark  
Cr A J Arnold  
Cr R I D Bond  
Cr P M Boyle  
Cr T Campbell  
Cr A H Crackett  
Cr G M Dermody  
Cr D J Ludlow  
Cr L F Soper  
Rev E Cook – Māngai – Waihōpai  
Mrs P Coote – Kaikaunihera Māori – Awarua

**In Attendance:**

Cr B R Stewart  
Mr M Day – Chief Executive  
Ms E Moogan – Group Manager – Infrastructure  
Mrs P Christie – Acting Group Manager – Finance and Assurance  
Ms J Hutton – Interim GM – Customer, Communications and People  
Mr A Cameron – Chief Risk Officer  
Mr M Morris – Manager – Governance and Legal  
Mr R Pearson – Manager – Strategic Asset Planning  
Ms R Suter – Manager – Strategy and Policy  
Ms L Knight – Manager – Strategic Communications  
Mr A Strahan – Transition Manager – 3 Waters Reform  
Ms A Dixon – Communications Advisor  
Mr G Caron – Digital and Communications Advisor  
Ms M Cassiere – Executive Governance Officer

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## **1. Apologies**

Cr Kett and Cr Skelt.

Moved Cr Dermody, seconded Rev Cook and **RESOLVED** that the apologies be accepted.

## **2. Declaration of Interest**

Nil.

## **3. Public Forum**

Nil.

#### **4. Minutes of the Meeting of Infrastructure Committee held on Tuesday 4 April 2023**

A4468759

A query was raised whether the Civic Administration Building had been officially changed to Te Hinaki Civic Building. It was noted that Council had approved the change in 2022 and that it had been changed two months ago.

A query was raised whether there was a document on the name change and it was noted that the minutes of the meetings reflect the approval.

Mrs Pania Coote said that she had tendered her apologies for the meeting, which had not been reflected in the minutes.

Moved Cr Soper, seconded Cr Dermody and **RESOLVED** that the minutes of the Infrastructure Committee held on Tuesday 4 April 2023 be confirmed with the correction.

#### **5. Adoption of the Code of Practice for Subdivision, Land Use, and Development for Consultation**

A4491057

Ms Rhiannon Suter and Mr Russell Pearson were in attendance to speak to the report. Ms Suter provided the background and Mr Pearson provided the technical aspects of the proposed document.

Discussion took place around the absence of involvement by Gore District Council, the alignment with work being done by Environment Southland, and the urgency for the change.

It was noted that the urgency was due to the Bylaw nearing its expiration date in June 2023 beyond which time there would not be any guidance which could be enforced for developers.

Moved Cr Campbell, seconded Cr Soper and **RESOLVED** that the Infrastructure Committee:

1. Receive the report "Adoption of the Code of Practice for Subdivision, Land Use, and Development for Consultation."
2. Note that the draft Code of Practice for Subdivision, Land Use, and Development has been developed in collaboration with Southland District Council and is intended to replace the existing separate Bylaw.
3. Agree to consult the community on revoking the Code of Practice for Land Development and Subdivision Infrastructure Bylaw.
4. Agree to consult the community on amending the District Plan to update the reference to the new document.
5. Adopt for consultation the draft Code of Practice for Subdivision, Land Use and Development – Option 1 (A4474536).
6. Adopt the proposed consultation process within the Invercargill District Council Plan 2019 – Plan Change 2 (A4505390).
7. Adopt the terms of reference for the Hearing Panel, to be made up of three members from Invercargill District Council and three members from Southland District Council. Noting that in the circumstances the other council determines not

to proceed, this shall form the hearing panel for an individual Code of Practice for Invercargill City Council (A4492736).

Moved Rev Cook, seconded Cr Dermody that the Infrastructure Committee:

8. **Recommend to Council** the following delegates to the Hearing Panel – Cr Ludlow, Cr Bond, Cr Boyle and Mrs Pania Coote.

It was noted that three main delegates and the alternate would be chosen from the four delegates closer to the date of the hearing.

The motion, now put, was **RESOLVED**.

## 6. **WasteNet Reserves, Education, and Enforcement**

A4503951

Ms Erin Moogan spoke to the report and stated that there had been an error in the figures provided in the report, and that the correct figures would be updated in the recommendations.

Discussion took place around the education aspect, whether there were key performance indicators (KPIs) to measure goals, the absence of an enforcement mechanism in the document, the issue of glass in rubbish, and the issue of other waste such as e-waste.

It was noted that after the WasteNet meeting on 15 May 2023, the minutes of the meeting would be tabled at full Council for further discussion and feedback of elected members.

Moved Cr Arnold, seconded Mrs Coote and **RESOLVED** that the Infrastructure Committee:

1. Receive the report 'WasteNet Reserves, Education, and Enforcement'.
2. WasteNet is currently forecast to hold \$1.33 million on operational reserves as at the end of this financial year. Note the potential Invercargill City Council's share of WasteNet reserves of \$730,000 and the requirement for a resolution of the WasteNet Governance Group for funds to be released.
3. Note the attached Education and Enforcement summary prepared for the 15 May 2023 WasteNet Governance Group meeting.

Note: Mayor Clark raised a Point of Order and asked whether the recommendations would be approved even though questions were raised about the delivery framework of WasteNet, as well as other issues.

The Chair said that in his capacity as Chair of this Committee, his view was that this would be approved and would be presented at the WasteNet meeting on 15 May 2023. At that meeting, he would seek approval for ICC's share of reserve funds to be released from WasteNet, which would be brought back to Council and approve a budget for education, which would be a start to move forward.

A query was raised whether Council would then put dates around the measurements once the report was brought back to this Committee, and it was noted that the budget, timeframes, and measurables would have to be decided.

Discussion took place around Invercargill City Council taking the education component from WasteNet and doing it themselves or with Southland District Council.

It was noted that government had mandated on the collection of recycling and the education around it should be first given a chance.

It was noted that an independent review of WasteNet had been suggested by WasteNet staff but the Waste Advisory Group had decided not to progress the review at this time. It was noted that Council could also fund an independent review.

It was noted that the WasteNet Agreement would be made available for Council elected members and appointed representatives, through the minutes of WasteNet.

The motion, now put, was **RESOLVED**.

## **7. Activities Report**

A4487827

Ms Erin Moogan provided a background of the report and spoke about the road maintenance contract which was the largest operational contract for Council. The contract would be for seven years and would be out in the market for tender next week for six weeks.

Moved Cr Ludlow, seconded Cr Soper that the Infrastructure Committee:

1. Receives the report "Activities Report".
2. Notes that the tender for Council's Road Corridor Maintenance Contract will be live on 8 May 2023.

In response to a query about when would work be underway at Dee Street after the archaeological dig, it was noted that work was already underway at the site.

In response to a query about when the Environment Southland work on Stead Street would finish, it was noted that an updated timeline would be requested.

In response to a query about alternative arrangements for use of female toilets by transgender people at Splash Palace, it was noted that Council obligations were being currently reviewed. The temporary solution in place has been to convert one of the parent changing facility into a transgender changing facility. This accommodation was within the constraints of the current facilities, however for future solutions, staff were looking at it through the Long-term Plan perspective as alterations would be required to the facility.

In response to a query about whether parent changing facilities had lockers, it was noted it was quite possible that there were lockers and that the GM for Leisure and Recreation would be able to confirm it.

The motion, now put, was **RESOLVED**.

## 8. Public Excluded Session

Moved Rev Cook, seconded Cr Arnold and **RESOLVED** that the public be excluded from the following parts of the proceedings of this meeting, namely:

- a. *Confirmation of Minutes of the Public Excluded Session of the Infrastructure Committee held on 4 April 2023*
- b. *3 Waters Transition – Programme Update*

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:

General subject of each matter to be considered	Reason for passing this resolution in relation to each matter	Ground(s) under Section 48(1) for the passing of this resolution
a. Confirmation of Minutes of the Public Excluded Session of the Infrastructure Committee held on 4 April 2023	<b>Section 7(2)(i)</b> Protect information where the making available of the information would be likely unreasonably to prejudice the commercial position of the person who supplied or who is the subject of the information	<b>Section 48(1)(a)</b> That the public conduct of this item would be likely to result in the disclosure of information for which good reason for withholding would exist under Section 7
c. 3 Waters Transition – Programme Update	<b>Section 7(2)(h)</b> Enable any local authority holding the information to carry on, without prejudice or disadvantage, commercial activities  <b>Section 7(2)(i)</b> Protect information where the making available of the information would be likely unreasonably to prejudice the commercial position of the person who supplied or who is the subject of the information	<b>Section 48(1)(a)</b> That the public conduct of this item would be likely to result in the disclosure of information for which good reason for withholding would exist under Section 7

There being no further business, the meeting finished at 5.25 pm.



## SOLID WASTE UPDATE

<b>To:</b>	Infrastructure Committee
<b>Meeting Date:</b>	Tuesday 6 June 2023
<b>From:</b>	Annie Benjamin – Contracts and Commercial Manager
<b>Approved:</b>	Erin Moogan - Group Manager - Infrastructure Services
<b>Approved Date:</b>	Wednesday 31 May 2023
<b>Open Agenda:</b>	Yes
<b>Public Excluded Agenda:</b>	No

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### Purpose and Summary

The purpose of this report is to update the committee with respect to waste to landfill performance.

The cumulative waste to landfill is currently tracking in line with this time last financial year. Council is currently on track to be well below the 6% increase forecast at the beginning of the financial year.

Recycling is up by approximately 1.7% (45.4 tonnes) compared to this time last year.

### Recommendations

That the Infrastructure Committee:

1. Receives the report "Solid Waste Update".
2. Note the waste to landfill data and trends.
3. Note the recycling data and trends.

### Background

Invercargill City Council has a statutory responsibility to promote effective and efficient waste minimisation and management within the City under the Waste Minimisation Act 2008. Invercargill City Council (ICC) is currently operating under the Waste Management and Minimisation Plan (WMMP) 2020-2026.

This report provides the bi-monthly update to Council in relation to ICCs waste.

## Issues

### Waste to Landfill

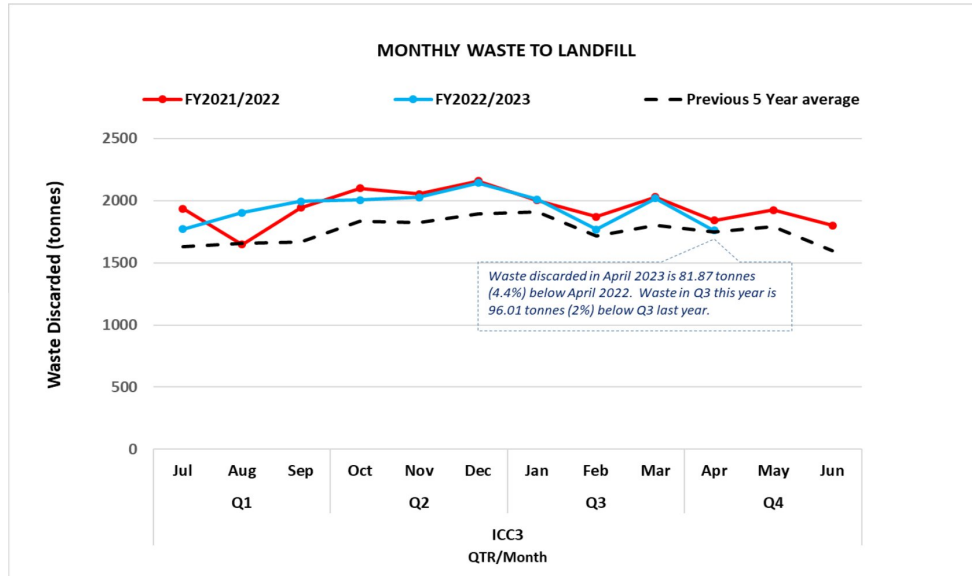


Figure 1: Monthly Waste Data

- Waste to landfill in April 2023 (blue line) was 4.4% (81.87 tonnes) below April 2022 (red line).
- The overall tonnage of waste discarded to landfill in Q3 this year is 2% (96.01 tonnes) below Q3 of last year.
- The cumulative waste to landfill year to date is tracking 0.94% (184.04 tonnes) below the same year-to-date period last year.

Waste continues to trend slightly downwards for the second half of this financial year.

#### Reasoning:

- Increased consumer spending: March 2023 has the highest level of growth in spending, up 11.4% on March 2022 and up 22.8% on March 2019 (fmcgbusiness.co.nz, 2023, link - <https://www.fmcgbusiness.co.nz/consumer-spending-reached-new-highs-in-march/>)
- Post-COVID: Employment in the Southland region is forecasted to grow strongly in 2023 and 2024 and to hit pre-COVID levels by 2023. Southland's population is forecasted to continuously grow on the back of sustained employment growth, (Southland Region post-COVID scenario analysis, Feb 2021).

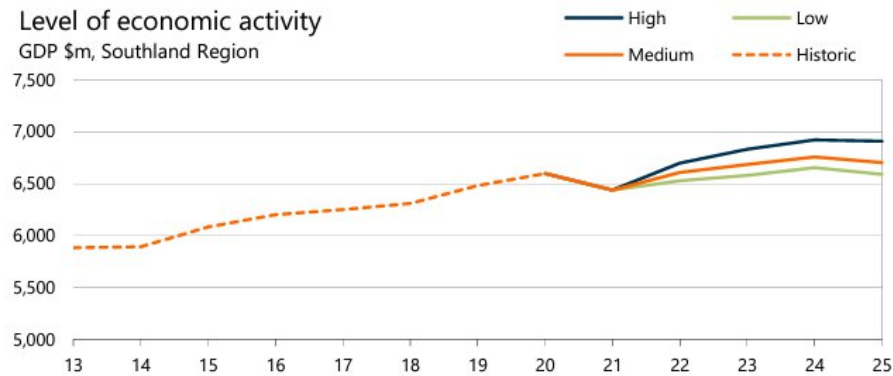


Figure 2: Level in Economic Activity

Source: Southland Region post-COVID scenario analysis, Feb 2021 (chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://greatsouth.nz/storage/app/media/Publications/post\_COVID\_analysis\_report\_southland.pdf).

- The Invercargill Central Limited which is part of the inner city development has been attracting more tourists since July 2022. This project has brought life and vitality to the CBD.
- There has been an increase in the overall number of public litter bins with urban expansion.
- Over the past three years, the average weight per bin has decreased, despite an increase in pick-ups.

## Recycling

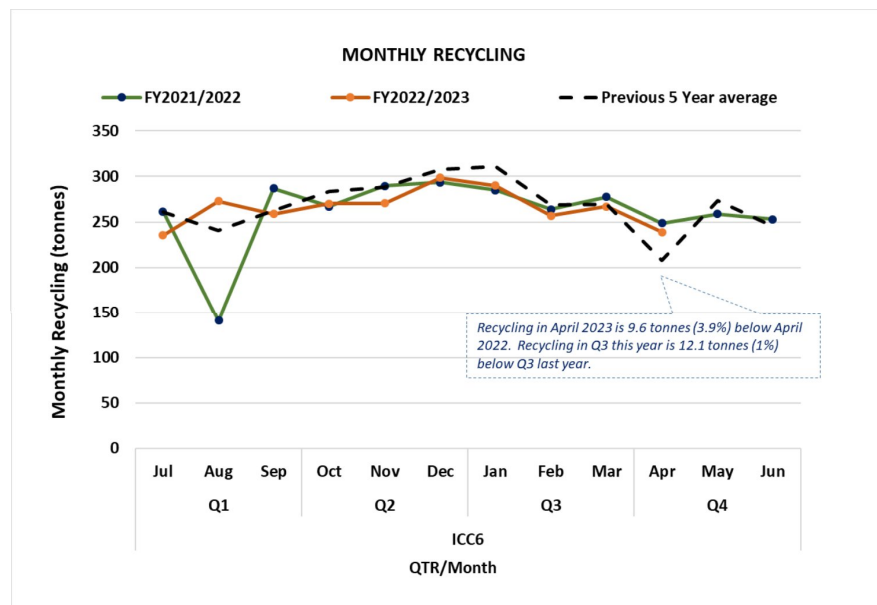


Figure 3: Monthly Recycling Data

- Recycling in April 2023 was 3.9% (9.6 tonnes) below April 2022.
- Recycling in Q3 this year is 1% (12.1 tonnes) below Q3 of last year.
- However, the cumulative recycling this year to date is tracking 1.7% (45.38 tonnes) above the same period to date last year.

### Green Waste Diverted from Landfill

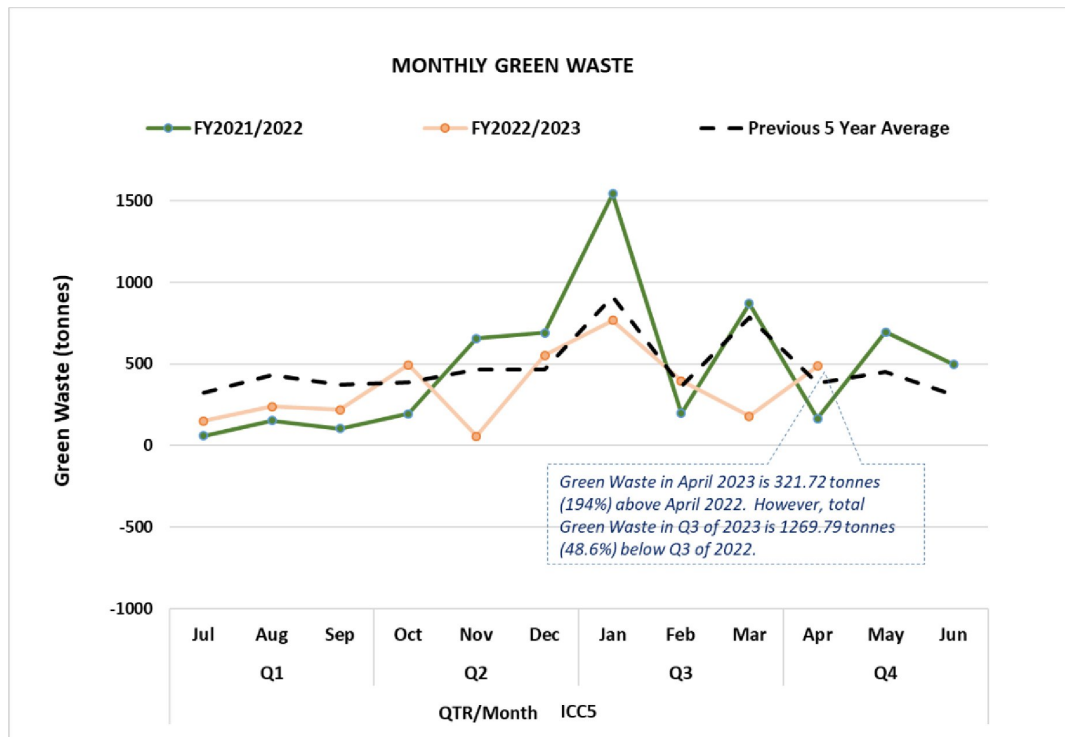


Figure 4: Green Waste Tracking Month-on-Month

- Green Waste in April 2023 was 194% (321.72 tonnes) above April 2022
- The 2023 Q3 total tonnage is 48.6% (1269.79 tonnes) below Q3 2022 total tonnage.

### Activities

Staff have been working on a number of elements to deliver waste minimisation:

- The Waste minimisation education strategy and action plans (activities and timelines) have now been developed and approved by WasteNet.
- The 2023/24 WasteNet budget has been approved by the WasteNet Waste Advisory Group (WAG).

### Attachments

None

## TEMPORARY ROAD CLOSURES – GREAT SOUTH STREET ACTIVATION EVENT

**To:** Infrastructure Committee

**Meeting Date:** Tuesday 6 June 2023

**From:** Russell Pearson - Manager Strategic Asset Planning

**Approved:** Erin Moogan - Group Manager - Infrastructure Services

**Approved Date:** Wednesday 31 May 2023

**Open Agenda:** Yes

**Public Excluded Agenda:** No

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### Purpose and Summary

Council has received a request for temporary road closures for the Great South Street Activation Event on Friday, 16 June 2023.

This is a new event, and with well organised traffic management will not unreasonably impede traffic in these areas.

Council is being asked to consider utilising its powers under Local Government Act 1974 (Section 342 and Schedule 10).

This Act allows Council to close a road for an event (after consultation with the NZ Police and Waka Kotahi) which it decides will not unreasonably impede traffic.

### Recommendations

That the Infrastructure Committee:

1. Receive the report titled "Temporary Road Closures – Great South Street Activation Event".
2. Resolve that the proposed event outlined in the report will not impede traffic unreasonably.
3. Approves the temporary road closures for Esk Street, from Dee Street to Kelvin Street, on Friday, 16 June 2023 from 5.30pm to 10.30pm, as permitted under the Local Government Act 1974 (Section 342 and Schedule 10).

## **Background**

On 15 May 2023 Council received a request from the City Centre Coordinator at Great South for a road closure of Esk Street between Kelvin and Dee St from 5 pm on Friday 16 June 2023.

The Local Government Act 1974 Section 342 allows Council to close a road for an event (after consultation with the NZ Police and Waka Kotahi New Zealand Transport Agency), which it decides will not unreasonably impede traffic. Consultation with the public under this legislation is not required.

The Risk and Assurance Committee on 18 May 2023 outlining the overlapping duties of Council and event organisers. This paper has been prepared for Council consider while staff continue to work with the event organiser to consult, co-operate and co-ordinate the management of work place health and safety risks, which may arise from this event. A verbal update will be provided at the time of this paper so that the Committee can understand the outcome of those discussion.

This event will have minimal impact on traffic movement.

Good traffic management will be provided and with the planned time of day, 5.30 pm – 10.30pm and the city grid roading network there are many options and alternative routes available.

A request has been made to the NZ Police and Waka Kotahi and they have no objection to this event. The event does not impact State Highway 6 – Dee Street.

## **Issues and Options**

### **Analysis**

This event will create only minor disruption to traffic flows. Business access will be managed by the event organisers. The closing of the street is necessary to ensure appropriate safety of participants in this community event.

### **Significance**

This request is not significant in terms of Council policy.

### **Options**

The options which exist are to approve or decline the request. The street planned to be closed is seen as appropriate to effect a safe area for the activities.

## **Community Views**

This legislation does not require community views to be sought however this is a public event which is being organised to activate the CBD.

## **Implications and Risks**

### **Strategic Consistency**

This report is consistent with good governance of our roads.

### **Financial Implications**

No direct financial implications.

### **Legal Implications**

This report looks to ensure that the legal process of temporarily stopping a road for an event is followed.

Council is considering how it manages its obligations under health and safety legislation.

### **Climate Change**

This report does not have a direct Climate Change impact.

### **Risk**

The key risk noted is to ensure that good traffic management is delivered by experienced contractors.

The NZ Police and Waka Kotahi are being consulted on this closure and expected to be supportive.

Council staff are working through the health and safety risks that may arise as a result of overlapping PCBU duties.

## **Next Steps**

If the closure is approved, the event organisers will be advised and a traffic management contractor engaged by the organiser. A public notice would be published in a local newspaper and information posted on the ICC website.

## **Attachments**

N/A

## **WATER SUPPLY- THE SEARCH FOR ANOTHER SOURCE**

**To:** Infrastructure Committee

**Meeting Date:** Tuesday 6 June 2023

**From:** Alister Murray – Three Waters Strategic Advisor

**Approved:** Erin Moogan - Group Manager - Infrastructure

**Approved Date:** Wednesday 31 May 2023

**Open Agenda:** Yes

**Public Excluded Agenda:** No

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### **Purpose and Summary**

The purpose of this report is to request Council approval to bring forward \$700,000 of capital funding from 2025/26 to fund the Alternative Water Supply project additional investigation works in 2023/24.

The Alternative Water Supply project was included in the 2021 – 31 Long Term plan with \$19.7 million of funding was included over 2025/26 and 2026/27.

Also to provide background and an update to Councillors.

### **Recommendations**

That the Infrastructure Committee:

1. Receive the report Water Supply – The Search for Another Source; and
2. Recommend that Council approve the reforecasting of the Alternative Water Supply project to bring \$700,000 forward to 2023/24 for additional investigation works.

### **Background**

Many councillors will be aware of this project but for the benefit of new councillors and as a refresher to returning councillors this report outlines the history of this project.

#### **Why Do We Need Another Source?**

Invercargill and the port of Bluff are solely dependent on the Oreti River/Bransholme Treatment scheme. Although the probability of its failure is low, if it did fail the consequence would be



catastrophic. I.e. after the two day reservoir storage is consumed the basic need for drinking water would not be met, there would be no supply for firefighting nor the ability to wash, flush away waste or maintain commercial/industrial activities. Council would be in breach of its public health obligations in this regard.

Major threats to the scheme's continuous operation include drought, contamination of the Oreti River and earthquake. Environmental considerations that limit the amount of water taken from the Oreti are likely to come into play in the future as well.

It is unusual for a community of our size to have only one supply scheme. Most have at least two.

The risk of sole dependence on the one scheme has been recognised as unacceptable. The long-term plan includes a project for development of an alternative source to act as an emergency supply over the two financial year period of 2025/26 and 2026/27. A budget of \$22.5 million has been included.

### **Progress To Date**

Originally, the intent of locating an alternative source was for it to act as an emergency supply only and for it not to be subject to the same or similar risk profile as the Oreti/Branxholme scheme. As an emergency supply, only essential demand would be met, which would require severe restrictions on use and very probably closure of high use water consumers such as 'wet' industry.

An underground aquifer source has been the preferred option to act as an alternative supply. (Refer Issues and Options section for the explanation as to why an underground source was preferred). There is a deep aquifer under the southland plains known as the Chatton formation, which could be suitable.

Investigative works were conducted over the period 2018 to 2022. This included expert desktop evaluation of borehole data near Invercargill, seismic reflection surveys at two sites, Waikiwi and Awarua to determine the location of the Chatton formation. Awarua was chosen as the most feasible site for further investigation. Two bores were constructed to evaluate water yield and quality, one to monitor water levels in the various water bearing strata above the Chatton formation the other to perform a pumping test. Both bores are deep at 220 metres below ground level. The approach of investigation has been to stage works so that the findings of each stage inform the nature of works for the next. The extent and form of water treatment likely to be required was also assessed.

More recently the question has been asked as to whether the Chatton Formation source could act as a regular supply as well as acting as an emergency supply.

### **Current Situation**

To investigate potential to develop the Chatton Formation aquifer beyond that for emergency measures only, our consultants, Land and Water Science Ltd (LWS), advice is that that scale of qualification of resource development is likely to require significant additional investigation and analysis, particularly to support wellfield design and resource consenting processes. Also that there is a finite limit to the scale of development possible at any given location which will involve a trade-off between the rate of pumping and the duration over which the abstraction is sustainable. Long term pumping as compared to short periods of intermittent pumping is

likely to increase the potential for ground settlement, water quality changes and saline intrusion with consequent expectation of a higher level of aquifer evaluation to accompany a resource consent application.

## Issues and Options

### Analysis

The issues are:

- There is no funding set in the current year nor proposed for the 2023/24 Annual Plan for these extra investigation works.
- Without carrying out the extra investigations there will be insufficient knowledge to commit confidently to the development of the Chatton Formation aquifer as an everyday water supply.
- A delay in undertaking the extra investigations has the potential to delay the commencement of the project to develop an alternative water supply scheduled to commence in 2025/26.

### Significance

The decision to fund further investigation works is not significant in terms of the ICC's Significance and Engagement Policy.

### Options

The following outlines the various options for an alternate water supply and the case for undertaking extra investigation works.

Alternative water supply options are listed in Appendix 1. From a cost perspective, a groundwater source for an emergency supply, referred to as the Invercargill groundwater options - supplementary 14,000 m<sup>3</sup>/day in the Appendix, either with or without the need for treatment is the least cost option.

### The Case For Undertaking Extra Investigation Works

Council's consultant, LWS, advice is that regardless of the end use of the aquifer either to provide for emergencies only or for a continuous regular role, a resource consent application will likely require more supporting information than we currently have from the two bores constructed to date. More so if the application is for a use beyond an emergency supply.

Additionally, from an investment viewpoint, the more information Council has of the Chatton Formation the more confidence it will have in making its investment. Prospecting then quantifying any underground resource carries a heightened risk to those visible above ground. Very little is known of the Chatton Formation.

There are two options.

- Commit to undertaking extra investigation works.
- Do not commit to undertaking extra investigation works.

For the reasons stated above it is recommended that Council commit to undertaking extra investigation works

## **Community Views**

As this matter is not significant, community views have not been sought.

## **Implications and Risks**

### **Strategic Consistency**

Not applicable

### **Financial Implications**

The Alternative Water Supply project was included in the 2021-31 Long Term Plan with \$19.7 million of expenditure planned over 2025/26 and 2026/27. In order to advance this project additional investigation work is required in 2023/24 which is estimated at \$700,000.

It is proposed that this be funded by reforecasting the project spend so that \$700,000 is brought forward from 2025/26 to 2023/24. This project will be debt funded, bringing the borrowing forward will result in an additional \$46,000 of funding costs (interest and loan repayments) from 2024/25 to 2025/26. This equates to a 0.01% increase to rates from 2024/25.

The budget in the existing Long Term Plan is for the establishing the bores/water source. The treatment and reticulation budgets would ideally be set following updating of our district/spacial planning activities so we know where development is likely in the city. As Council is still to work through that process a number of assumptions will need to underpin our planning in this space as we work through the development of the Long Term Plan.

### **Legal Implications**

Easement implications associated with the sale of Council land at Awarua.

### **Climate Change**

These investigation works will give more surety towards the establishment of an alternative water supply and will place the Invercargill water supply in a better position to manage climate change particularly in the event of drought.

### **Risk**

The risk of not undertaking these investigation works is that there is insufficient knowledge to:

- Invest in the development of the Chatton Formation aquifer as an alternative water source.
- Obtain a water resource consent to utilise the Chatton Formation aquifer as a water supply.

## **Next Steps**

Conditional upon receipt from Council to provide funding, the next phase of investigation will include:

3. An assessment of the long-term response of ground water abstraction from the Chatton Formation at Awarua.
4. Construction of another bore.
5. Pump test of the new bore to prove the prediction of the assessment described above.
6. Preparation of a resource consent application to draw water for the Invercargill water supply.

## **Attachments**

Appendix 1 – Alternative Water Sources for Invercargill (A4566706).

## Appendix 1 - Alternative Water Sources For Invercargill

The table below lists alternative water sources examined at the time of water consent renewal in the year 2000. The costs are as at 2000 and have been included to show relativity between the options. Advantages and disadvantages remain as then.

*Table 1: Summary of Alternative Water Sources, Costs, Advantages and Disadvantages (MWH, 2000)*

Source	Type	Indicative Cost*			Advantages	Disadvantages
		Supplementary 14,000 m <sup>3</sup> /day (\$M)	Replacement 40,000 m <sup>3</sup> /day (\$M)	Regulating (\$M)		
Invercargill Groundwater (Sec. 6.2)	High Quality Groundwater	3-4	11-17	-	<ul style="list-style-type: none"> <li>• Possible low cost, high quality, secure source</li> </ul>	<ul style="list-style-type: none"> <li>• Yet to be proven</li> </ul>
Invercargill Groundwater (Sec. 6.2)	Groundwater Needing Treatment	4-7	24-36	-	<ul style="list-style-type: none"> <li>• Possibly secure source</li> </ul>	<ul style="list-style-type: none"> <li>• Yet to be proven</li> <li>• Likely high treatment costs</li> </ul>
Windley River (Sec. 6.3)	River Regulating	-	-	8-12	<ul style="list-style-type: none"> <li>• Relatively low cost</li> <li>• No conveyance infrastructure</li> <li>• New lake with possible environmental /agricultural/ recreational benefits created</li> </ul>	<ul style="list-style-type: none"> <li>• Dam with land and consents issues</li> </ul>
Oreti River (Sec. 6.4)	River Regulating	-	-	14-20	<ul style="list-style-type: none"> <li>• Relatively low cost</li> <li>• No conveyance infrastructure</li> <li>• New lake with possible environmental/ agricultural/ recreational benefits</li> </ul>	<ul style="list-style-type: none"> <li>• Dam with land and consents issues</li> </ul>
Dunsdale Stream (Sec. 6.5)	River (direct supply)	19-28	29-43	-	<ul style="list-style-type: none"> <li>• New lake with possible environmental/ agricultural/ recreational benefits</li> </ul>	<ul style="list-style-type: none"> <li>• High cost</li> <li>• Dam with land and consents issues</li> <li>• Long pipeline</li> </ul>
Otapiri Stream (Sec. 6.6)	River (direct supply)	19-28	27-41	-	<ul style="list-style-type: none"> <li>• New lake with possible environmental/ agricultural/ recreational benefits created</li> </ul>	<ul style="list-style-type: none"> <li>• High cost</li> <li>• Dam with land and consents issues</li> <li>• Long pipeline</li> </ul>
Pourakino River (Sec. 6.7)	River (direct supply)	22-33	32-48	-	<ul style="list-style-type: none"> <li>• New lake with possible environmental /recreational benefits created</li> </ul>	<ul style="list-style-type: none"> <li>• High cost</li> <li>• Dam with land and consents issues</li> <li>• Long pipeline</li> </ul>

Lake Hauroko (Sec. 6.8)	Lake	52-77	80-120	-	<ul style="list-style-type: none"> <li>• Abundant, high quality source</li> </ul>	<ul style="list-style-type: none"> <li>• Very high cost</li> <li>• Very long tunnel/pipeline</li> </ul>
Lake Monowai/ Waiau River (Sec. 6.9)	Lake	20-29	39-57	-	<ul style="list-style-type: none"> <li>• Abundant source</li> </ul>	<ul style="list-style-type: none"> <li>• Very high cost</li> <li>• Waiau Rv. environmental concerns</li> <li>• Relies on cooperation of hydro</li> <li>• Long pipeline</li> </ul>
Lake Wakatipu (Sec. 6.10)	Lake	36-55	70-106	-	<ul style="list-style-type: none"> <li>• Abundant, high quality source</li> </ul>	<ul style="list-style-type: none"> <li>• Very high cost</li> <li>• Very long pipeline</li> </ul>
Foveaux Strait (Sec. 6.11)	Seawater	40-153	410-1,870	-	<ul style="list-style-type: none"> <li>• Unlimited source</li> </ul>	<ul style="list-style-type: none"> <li>• Extremely high cost</li> <li>• Questionable potable water quality</li> <li>• New technology in NZ</li> <li>• High operator expertise required</li> </ul>

\* Lifecycle cost based on 30 years at 7% discount rate

Another option not included above because, it is not a different source to that currently in use, is to build extra reservoir storage to 'ride out' emergency events. Currently existing reservoir storage is enough for 2 days during maximum demand. Emergencies could extend over weeks rather than days. Reservoir storage is expensive and unlikely to offer the same capacity as an underground aquifer. For those reasons, it has been discounted.

## PROPOSED ROAD NAME – 360 BAINFIELD ROAD AND 83 INVERURIE DRIVE

<b>To:</b>	Infrastructure Committee
<b>Meeting Date:</b>	Tuesday 6 June 2023
<b>From:</b>	Christine North – Property Database Officer
<b>Approved:</b>	Patricia Christie – Acting Group Manager – Finance and Assurance
<b>Approved Date:</b>	Wednesday 31 May 2023
<b>Open Agenda:</b>	Yes
<b>Public Excluded Agenda:</b>	No

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### Purpose and Summary

To name 2 proposed roads in relation to the Subdivision of 360 Bainfield Road and 83 Inverurie Drive (Lots 998 and 999 DP 553998). RMA/2022/90 - 28 lot subdivision Residential 3 Zone (Last stages 2A and 3 of Inverurie Development).

Three names have been submitted by the developers to cover both roads. Officers note that this is not in strict compliance with Council policy, which requires three options per location. Officers have engaged with the developer but have not been able to bring the application into compliance with the policy.

### Recommendations

That the Infrastructure Committee:

1. Receives the report titled "Proposed Road Name – 360 Bainfield Road and 83 Inverurie Drive".
2. **Approve / Do not approve** the name:
  - a. Johnston or Huntly or Gately for the road running east from Inverurie Drive.
  - b. Johnston or Huntly or Gately for the road running west from Inverurie Drive.
3. Note that Council will have the opportunity to consider the Road Naming Policy in coming months.

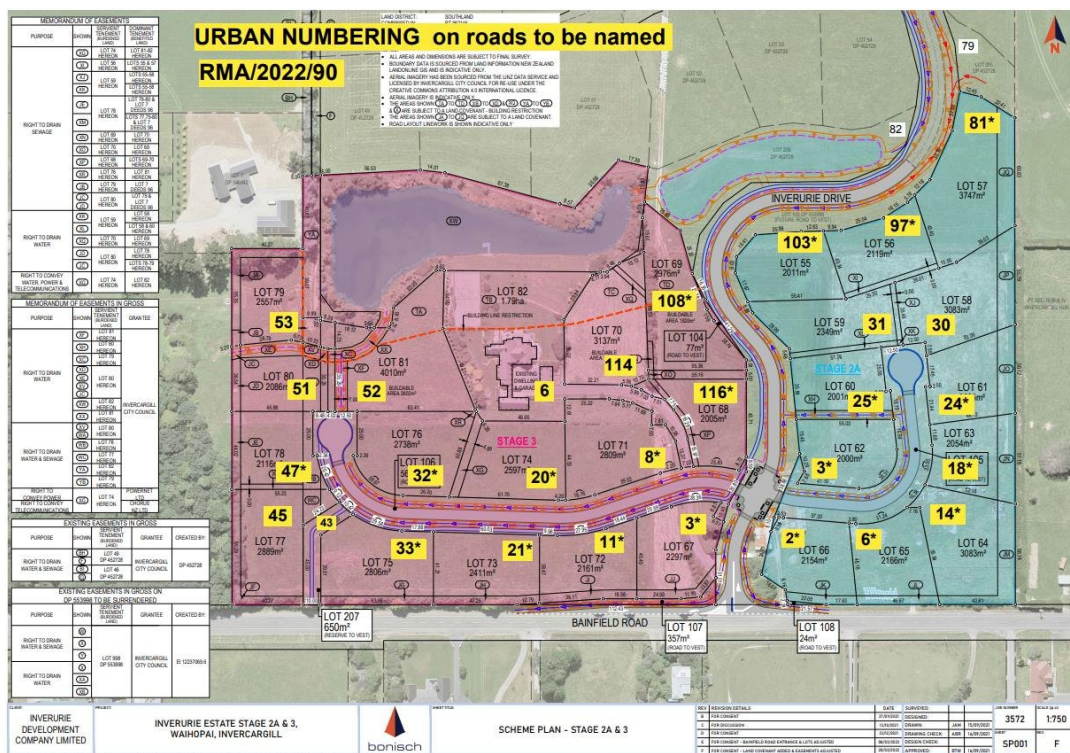
## Background

On 1 June 2022 adopted a Road Naming Policy (the Policy). The purpose of the policy was to ensure the timely and consistent selection of road names that reflect the identity of the local community, including through enabling Māori culture to be more visible in the city. The Policy is due for review in June 2023 and it was the noted intention that at the next revision of this policy, one of the three proposed names be in Te Reo and a list of appropriate names will be provided for this purpose.

Two roads to be created by subdivision of Lots 998 and 999 DP 553998 – RMA/2022/90 90 – 28 lot subdivision Residential 3 Zone (Last stages 2A and 3 of Inverurie Development).

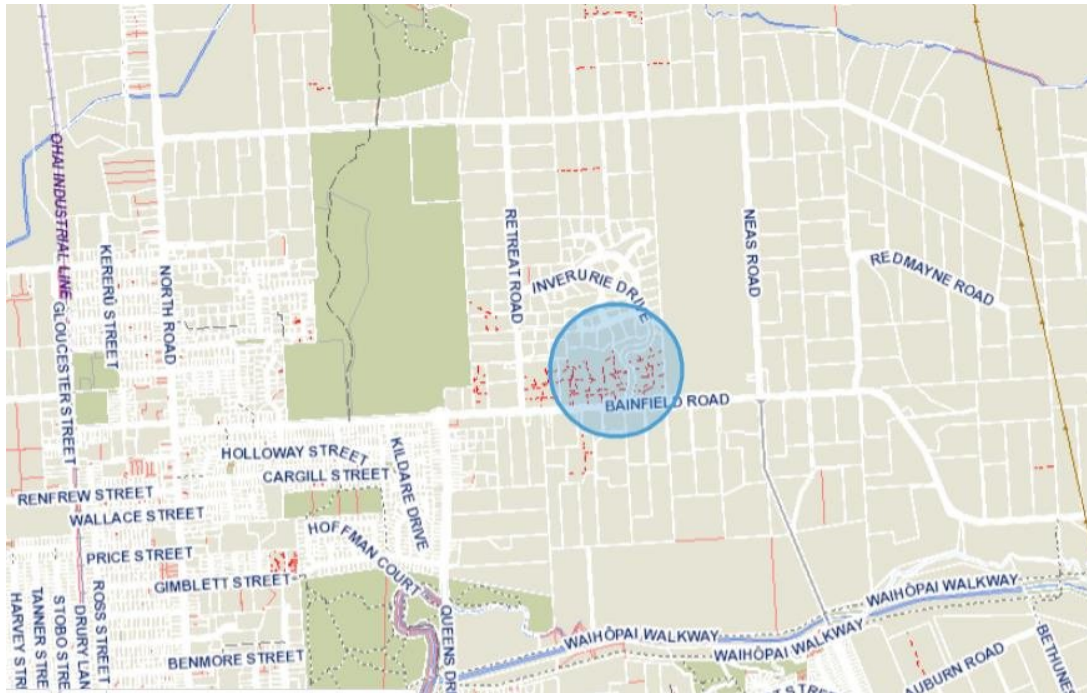
Applicant: Inverurie Development Company Limited  
Owner: Angus Alexander Johnston and Barbara Jane Johnston

**Subdivision Plan:**





#### Location Plan:



## Issues and Options

### Analysis

The applicant submitted the following names in order of preference:

#### 1. Johnston:

Johnston is my Family name. From my Scottish origins of Clan book states that Johnston and Johnstone are two alternative spellings of the same name and share the same Scottish heritage. The Johnston's have a tartan and a crest badge with the motto of Nunquam Non Paratus which is Latin for Never Unprepared.

My father was born New Machar in Aberdeenshire in 1898 and grew up in Huntly, Scotland which is all very close to Inverurie. He served in both WW1 and WW2 as part of the Black Watch Royal Regiment of Scotland and was awarded medals for his service. He arrived in Southland approximately 1947 after WW2 and settled in Heddon Bush on a farm marrying late in life. I was born in 1954 and he died when I was 5 of mustard gas poisoning from the war.

In memory of him I would like Johnston Close to be the road name following the Scottish theme. Johnston Terrace is a street in Edinburgh, Scotland and connects the old town to the west.

#### 2. Huntly:

As I have said my Father was bought up in Huntly, Scotland. His family still live in Huntly and I have visited several times to meet my cousins and their families. Huntly is a small town in Aberdeenshire and is not far from Inverurie.

**3. Gartley:**

No background to name given.

Mr Johnston has only submitted three names for both proposed roads.

Mr Johnston has requested that Road 1 west of Inverurie Drive be named Johnston Close and Road 2 East of Inverurie Drive be named Huntly Close.

Application of the policy

The intent of the Road Naming Policy is for all road naming applications to be submitted with three compliant names (with a preferred option from the developer) for Council to consider. It is recommended that one of the options be in Te Reo, with intention that this be a requirement in the future.

**Significance**

Not applicable.

**Options**

Not applicable.

**Community Views**

Not applicable.

**Implications and Risks**

**Strategic Consistency**

Invercargill City Council is responsible for the allocation of road names and numbers within the City. This is an important function because it allows residents, visitors and emergency services to locate properties with the minimum of inconvenience. In issuing rural and urban road names and numbers, Council is guided by the Australian/New Zealand Standard (AS/NZS 4819:2011) Rural and Urban Addressing.

Council has a Road Naming Policy, which come into effect from 1 June 2022.

The intent of the Road Naming Policy is for all road naming applications to be submitted with three names that comply with the policy (with a preferred option) for Council to consider. The policy sets out the requirements that must be met for a name to be compliant. These include names that do not closely resemble other names in either spelling or pronunciation within the city and the name should have significant local content or meaning. It is recommended but not required that at least one of the options be in Te Reo.

**Financial Implications**

Not applicable.

### **Legal Implications**

Section 319 (1)(j) of the Local Government Act 1974 gives Council the power to name roads. This power may only be exercised by Council (that power is delegated to this Committee) and the decision is final.

As noted there is an operative Road Naming Policy that sets out how Council will go about the process of naming a Road, and includes that Council will follow the Standard for road naming.

While a developer is invited to submit names in accordance with the Policy, Council is under no obligation to accept those names and may choose another name. This may be done by inviting staff to submit a further report with proposed names.

In the event Council chooses a name that is not submitted by the developer, the only recourse – in the event the developer disagrees- is for the developer to seek a Judicial Review of the decision as there is no appeal right.

### **Climate Change**

Not applicable.

### **Risk**

Not applicable.

### **Next Steps**

Once the name is approved, notification of new name for the proposed right of way will be sent to the following organisations:

- NZ Post
- PowerNet
- LINZ Addressing
- Environment Southland
- Chorus
- Kiwi Maps
- AA Travel
- Blue Star Taxis
- Wise Publications
- TerraLink

This will also be added to Council's database ready for the subdivision to be completed.

### **Attachments**

None.

## ACTIVITIES REPORT

<b>To:</b>	Infrastructure Committee
<b>Meeting Date:</b>	Tuesday 6 June 2023
<b>From:</b>	Infrastructure Services Managers
<b>Approved:</b>	Erin Moogan - Group Manager - Infrastructure Services
<b>Approved Date:</b>	Wednesday 31 May 2023
<b>Open Agenda:</b>	Yes
<b>Public Excluded Agenda:</b>	No

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### Purpose and Summary

This report provides an update on a wide range of activities across Council.

### Recommendations

That the Infrastructure Committee:

1. Receives the report "Activities Report".
2. Notes the outcome of the review of traffic management approach for Dee Street Stormwater Upgrade works that existing arrangements are to remain in place.
3. Notes the outcomes of the 15 May WasteNet Advisory Group meeting.

### CCTV

We have continued to work with the consultant on confirming the planned locations and defining what actual communications are available, such that the preliminary network design can be completed.

This is an important step that checks what Council has in the form of existing fibre cabling and where new cabling or wireless units are needed. The network is planned such that it could be expanded as more sites are selected. Many of the locations have existing fibre cabling close by which is a very suitable and reliable way of transmitting high quality images.

The next steps will be to have a check-in with the stakeholder group such that the identified locations meet their expectations and this would be followed by completing the specifications for the two tendering process, the network and the other for the camera equipment supplier selection.

Development of the privacy policy has started and it this will be brought back to the Committee upon completion of the draft , likely in August.

### **Stormwater Upgrade – Dee Street**

Disruption remains in place surrounding the ongoing works for the Dee Street Stormwater Network Upgrade. On the basis of feedback received on the disruption to local business we have reviewed the existing traffic management and explored potential changes to the setup including options around a rolling site as work progresses down the road.

The goal would be to retain access to business's and side streets as much as possible. We have discussed this with the contractor as well as council staff and have come to the conclusion that the existing arrangement strikes the best balance between safety (both of the contractors staff and the public) and practicality.

### **New Road Maintenance Contract**

The new road corridor maintenance contract was advertised via the Government Electronic Tender Service (GETS) on 9 May 2023. Tenders close the third week in June.

### **WasteNet Waste Advisory Group**

The Waste Advisory Group met on Monday 15 May. Key outcomes of the meeting included approval of the 2023/2024 WasteNet budget, approval of the WasteNet Business Plan and approval of the Education and Communication strategy.

### **Aged Care Housing Snapshot**

4	Housing Applications Received
6	Housing Enquiries Received
0	Housing Tenancies Vacated
0	Housing New Tenancies
77	Current Housing Waiting List (Priority and Secondary Combined)

The overall waiting list has dropped over the past month due to applicants who had been on the secondary list no longer requiring accommodation.

### **Three Waters Maintenance Contract Snapshot**

No major events to report this month  
Work orders issued 95

44	Routine work orders issued, 31 complete and 13 due for completion in the month of May
11	Planned work orders issued, 10 complete and 1 due for completion in the month of May
24	Urgent work orders issued, 21 complete and 3 due for completion in the month of May.
16	Emergency work orders issued with all completed in the month of April.

### 61 - Reticulation Water

- 6 - Connections New/Replacement
- 14 - Connection Repairs
- 25 - Valves
- 2 - Water Meter Reading
- 2 - Water Hydrant
- 2 - Watermain
- 2 - Fire Hydrant Flow Checks
- 2 - Watermain Flushing
- 7 - Water Toby Locates

### 11 - Stormwater

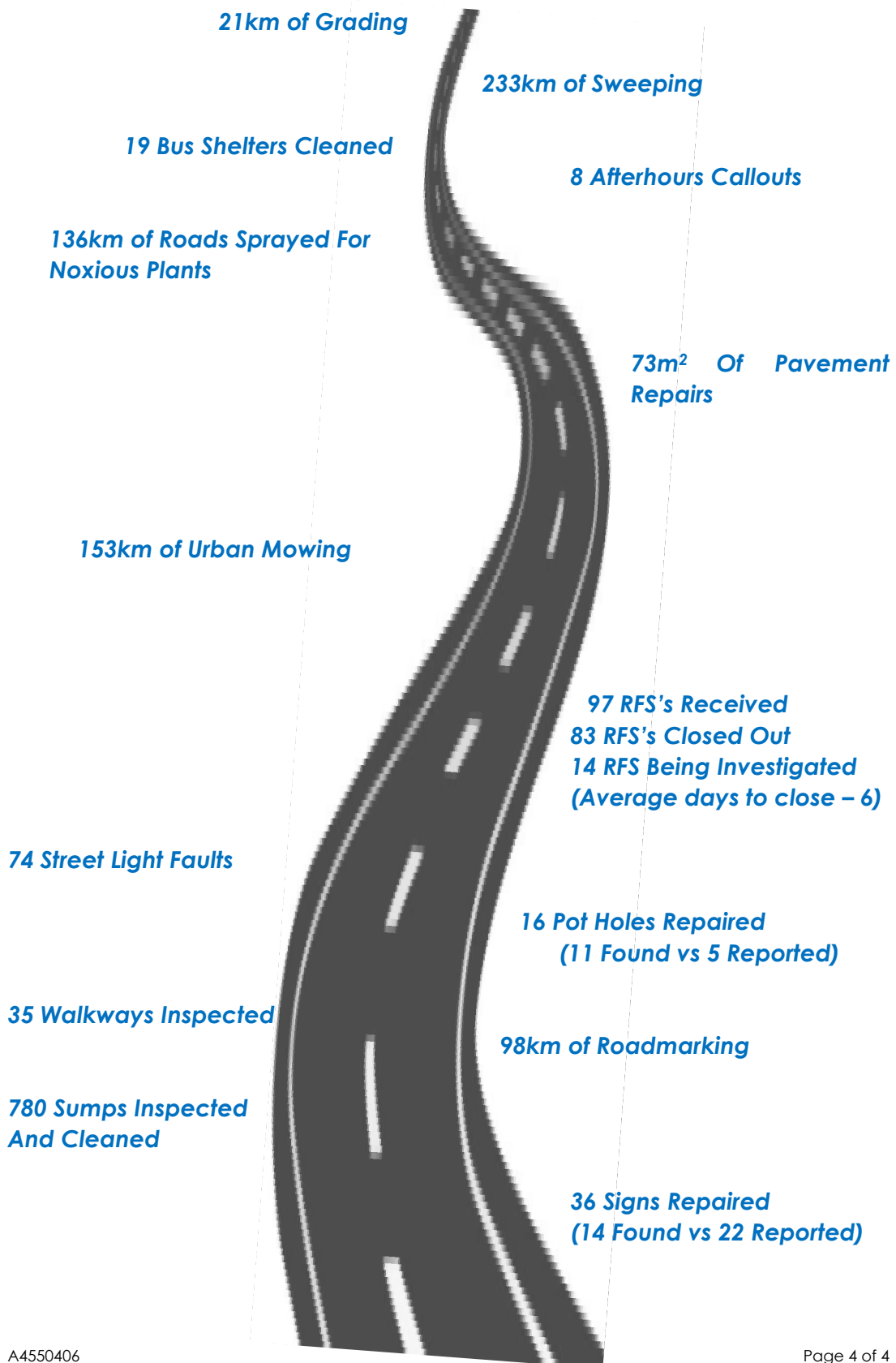
- 2 - CCTV Mains
- 1 - Manhole Maintenance
- 2 - Ditches/Channel
- 2 - Mains Blockages and Cleaning
- 4 - Mains Repair

### 22 - Foul Sewer

- 5 - Mains Blockages and Cleaning
- 2 - CCTV Mains
- 1 - Manhole Inspections/Repairs
- 3 - CCTV Connection
- 3 - Connection Repair/Replacement
- 7 - Connections Blockages
- 1 - Pump Main Valve Repair



### Road Corridor Maintenance Contract Snapshot







Minutes of a meeting of the Waste Advisory Group (WasteNet), held in the Gore District Council Chambers, 29 Bowler Avenue, Gore on Monday 15 May 2023, at 10.15am

**Present**

***Gore District Council***

Cr Keith Hovell (Chair), Mayor Mr Ben Bell (Deputy Chairman) and Cr Glenys Dickson

***Southland District Council***

Mayor Mr Rob Scott and Cr Christine Menzies (via Teams)

***Invercargill City Council***

Cr Ian Pottinger

***In attendance***

General Manager Critical Services (Mr Jason Domigan, Gore District Council), Deputy Chief Executive (Mr Rex Capil, Gore District Council), Group Manager Assets (Ms Erin Moogan, Invercargill City Council), Annie Benjamin (Invercargill City Council), Grant Issacs (Southland District Council) and one member of the public in the gallery.

**Apology**

Cr Barry Stewart (Invercargill City Council) apologised for absence.

**1. CONFIRMATION OF MINUTES**

**RESOLVED** on the motion of Cr Pottinger, seconded by Mayor Scott, **THAT** the minutes of the Waste Advisory Group meeting held on 30 March 2023, as presented, be confirmed as a true and complete record.

**2. ADOPTION OF STANDING ORDERS**

A copy of the Gore District Council's Standing Orders as the administering authority for the Waste Advisory Group had been circulated with the agenda.

**RESOLVED** on the motion of Cr Pottinger, seconded by Mayor Scott, **THAT** the Gore District Council Standing Orders be adopted for WAG, noting that for the purpose of a quorum, those members attending remotely shall be included.



### 3. MEETING SCHEDULE FOR 2023

**RESOLVED on the motion of Cr Pottinger, seconded by Mayor Bell, THAT the following meeting schedule for the remainder of 2023 be adopted:**

- Monday 26 June, hosted by Southland District Council
- Monday 24 July, hosted by Invercargill City Council
- Monday 11 September, hosted by Gore District Council
- Monday 16 October, hosted by Southland District Council
- Monday 11 December, hosted by Invercargill City Council

### 4. WAG UPDATE PRESENTATION

A copy of an update prepared by the Invercargill City Council covering legislative, existing goals, action plans and updates in terms of activities relating to education, communication and potential projects had been circulated.

**RESOLVED on the motion of Mayor Scott, seconded by Cr Pottinger, THAT the information be received.**

### 5. WASTENET OVERVIEW

A copy of an overview report on WasteNet prepared by the Commercial and Contracts Manager for Invercargill City Council had been circulated.

Cr Menzies referred to identification of vulnerable landfills and whether it had been considered in the past. Staff commented that vulnerable landfills had been managed by individual Councils rather than WasteNet as a group.

The Chair made reference to the NZ Waste Strategy and food scrap collection services. Cr Pottinger said reduction of carbon emissions was key and food scraps made up some of those. He did not think there was an active element to it. The Chairman noted AB Lime extracted the methane that was coming off the landfill which highlighted food scraps going into it was an essential component to get a sufficient volume of gas out. He agreed that for a modern landfill extracting gas, the “one size fits all” being promoted by the Government was not suitable.

The Chair advised the Gore District Council had a Solid Waste Bylaw that had been adopted in 2019 but that no other member Councils did. He saw it as a task for staff who supported WAG to address a Bylaw.

Cr Pottinger said education was important to ensure only recyclable material was put into the recycling bins. Offenders were issued with warnings and he wondered whether services to ongoing offenders could be stopped. E Moogan said there was no ability currently to remove a service as it was one being paid to be received. Even with a Bylaw there were questions around whether a service could legally be cancelled. G Issacs advised the Southland District Council had a three strikes policy.

The Chair suggested proceeding with preparing a Bylaw that was able to be standardised across all three Local Authorities. E Moogan said staff considered the priority was the education process being commenced ahead of a Bylaw. Cr Dickson wondered about working in collaboration with the fast food outlets to reduce refuse. Cr Pottinger referred to batteries and e-waste. E Moogan advised there was funding allocated in the budget for e-waste.

The WasteNet agreement would be updated by the Chief Executive of the Gore District Council as part of the work programme. In response to a question from Cr Pottinger, the Chair indicated that under the agreement if there was not a consensus on how reserve funds were spent then they would be apportioned by population. Something could also be included in the updated agreement if one Council withdrew from WasteNet there would be a framework to be followed.

Cr Menzies suggested that the Southland Waste Advisory Group add an advocacy role to its activities representing local interests in relation to central Government policy and any proposed legislative changes.

E Moogan clarified that around the WasteNet agreement, there was no funding currently in the budget but recognised it would be good to include along with the other items to be achieved.

**RESOLVED on the motion of Mayor Scott, seconded by Cr Pottinger, THAT the report be received,**

**THAT the business plan for FY2023/24 be endorsed,**

**THAT the draft WasteNet Waste Minimisation Education and Communication Strategy (WWMECS) be endorsed,**

**AND THAT the Southland Waste Advisory Group add an advocacy role to its activities representing local interests in relation to central Government policy and any proposed legislative changes.**

## **6. WASTENET SERVICES OVERVIEW**

A copy of a services overview for WasteNet, prepared by the Invercargill City Council Manager Infrastructure Operations, had been circulated with the agenda.

Cr Menzies asked if there were health and safety issues that needed to be attended to immediately. E Moogan said in terms of risk, there were none identified at the landfill that was cause for concern. More of the issue was around the fact that AB Lime has a formal and traditional contract with WasteNet. AB Lime was an independent and commercial landfill and was paid by the group to access its services. As a result, AB Lime had some requirements with contractors and health and safety. There were discussions about what was needed from the company to discharge the PCBU obligations and whether WasteNet was the PCBU or AB Lime.

She added reports were received and AB Lime believed it had different reporting obligations than other contractors.

**RESOLVED on the motion of Mayor Scott, seconded by Cr Pottinger, THAT the report be received.**

**AND THAT the Waste Advisory Group note WasteNet's role in the management of safe, effective and efficient waste services.**

The meeting concluded at 11.00am