Notice is hereby given that a Meeting of the Services and Assets Committee will be held on:

Date:	**Tuesday, 23 March 2021**
Time:	**9am**
Meeting Room:	**Council Chamber**
Venue:	**20 Don Street** **Invercargill**

Services and Assets Committee Agenda
OPEN

MEMBERSHIP

Chairperson	Ebel Kremer
	Mayor Gary Tong
Councillors	Don Byars
	John Douglas
	Paul Duffy
	Bruce Ford
	Darren Frazer
	George Harpur
	Julie Keast
	Christine Menzies
	Karyn Owen
	Margie Ruddenklau
	Rob Scott

IN ATTENDANCE

Group Manager, Services and Assets	Matt Russell
Committee Advisor	Fiona Dunlop

Contact Telephone: 0800 732 732
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Email: emailsdc@southlanddc.govt.nz
Website: www.southlanddc.govt.nz

Full agendas are available on Council's Website
www.southlanddc.govt.nz

Note: The reports contained within this agenda are for consideration and should not be construed as Council policy unless and until adopted. Should Members require further information relating to any reports, please contact the relevant manager, Chairperson or Deputy Chairperson.

Terms of Reference – Services and Assets Committee

TYPE OF COMMITTEE	Council standing committee
RESPONSIBLE TO	Council
SUBCOMMITTEES	None
LEGISLATIVE BASIS	Committee constituted by Council as per schedule 7, clause 30 (1)(a), LGA 2002. Committee delegated powers by Council as per schedule 7, clause 32, LGA 2002.
MEMBERSHIP	The Services and Assets Committee is a committee of the whole Council. The mayor and all the councillors will be members of the Services and Assets Committee.
FREQUENCY OF MEETINGS	Six weekly or as required
QUORUM	Not less than seven members.
SCOPE OF ACTIVITIES	The Services and Assets Committee is responsible for ensuring that Council delivers its infrastructural asset based services in an effective and efficient manner that meets the needs of its communities and protects the investment that Council has in these assets. The committee is responsible for overseeing the following Council activities: • transport • property management including community facilities, acquisitions and disposals (including land dealings) • forestry • water supply, wastewater and stormwater • solid waste management • flood protection • waste management • Te Anau airport • Stewart Island Electrical Supply Authority • Stewart Island Jetties and Riverton Harbour • water supply schemes.
DELEGATIONS	The Services and Assets Committee shall have the following delegated powers and be accountable to Council for the exercising of these powers: **Power to Act** **The committee has the delegated authority to:** a) assess and provide advice to Council on the strategic issues relating to the delivery of infrastructural asset services b) reviewing and recommending to Council strategies on how it should go about managing the delivery of the infrastructural asset services that it provides

	c) monitor the condition and performance capability of the infrastructural assets owned by Council so as to ensure that it protects its investment in these assets in accordance with accepted professional standards d) monitor the delivery of capital works projects and the implementation of the capital works programme e) monitor the delivery of operations and maintenance contracts f) approve and/or assign all contracts for work, services or supplies where those contracts relate to work within approved estimates. Where the value of the work, services, supplies or business case or the value over the term of the contract is estimated to exceed $2 million a prior review and recommendation of the business case by the Finance and Assurance Committee is required. The business case shall include as a minimum; risk assessment, a procurement plan and financial costings. If there is a different recommendation from the Finance and Assurance Committee the matter will be referred to Council for a decision g) monitor the return on all Council's investments including forestry h) monitor and track Council contracts and compliance with contractual specifications. **Power to Recommend** The Services and Assets Committee is responsible for considering and making recommendations to Council regarding: a) policies relating to the scope of activities of the Services and Assets Committee b) changes to Council's adopted levels of service c) the dividend from the forestry business unit
FINANCIAL DELEGATIONS	Council authorises the following delegated authority of financial powers to Council committees in regard to matters within each committee's jurisdiction. **Contract Acceptance:** • accept or decline any contract for the purchase of goods, services, capital works or other assets where the total value of the lump sum contract does not exceed the sum allocated in the Long Term Plan/Annual Plan and the contract relates to an activity that is within the scope of activities relating to the work of the Services and Assets committee • accept or decline any contract for the disposal of goods, plant or other assets other than property or land. **Budget Reallocation**. Committee is authorised to reallocate funds from one existing budget item to another. Reallocation of this kind must not impact on current or future levels of service and must be: • funded by way of savings on existing budget items • within the jurisdiction of the committee • consistent with the Revenue and Financing Policy.

LIMITS TO DELEGATIONS	Matters that must be processed by way of recommendation to Council include: • amendment to fees and charges relating to all activities • powers that cannot be delegated to committees as per the Local Government Act 2002 and sections 2.4 and 2.5 of this manual. Delegated authority is within the financial limits in section 9 of this manual.
STAKEHOLDER RELATIONSHIPS	This committee shall maintain relationships including, but not limited to the following organisations: • Community Boards • Regional Land Transport Committee • WasteNet • FENZ (Fire and Emergency New Zealand) The committee will also hear and receive updates to Council from these organisations, as required.
CONTACT WITH MEDIA	The committee chairperson is the authorised spokesperson for the committee in all matters where the committee has authority or a particular interest. Committee members do not have delegated authority to speak to the media and/or outside agencies on behalf of Council on matters outside of the board's delegations. The group manager services and assets will manage the formal communications between the committee and the people of the Southland District and for the committee in the exercise of its business. Correspondence with central government, other local government agencies or official agencies will only take place through Council staff and will be undertaken under the name of Southland District Council.

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1 Apologies

At the close of the agenda no apologies had been received.

2 Leave of absence

At the close of the agenda no requests for leave of absence had been received.

3 Conflict of Interest

Committee Members are reminded of the need to be vigilant to stand aside from decision-making when a conflict arises between their role as a member and any private or other external interest they might have.

4 Public Forum

Notification to speak is required by 12noon at least one clear day before the meeting. Further information is available on www.southlanddc.govt.nz or phoning 0800 732 732.

5 Extraordinary/Urgent Items

To consider, and if thought fit, to pass a resolution to permit the committee to consider any further items which do not appear on the Agenda of this meeting and/or the meeting to be held with the public excluded.

Such resolution is required to be made pursuant to Section 46A(7) of the Local Government Official Information and Meetings Act 1987, and the Chairperson must advise:

(i) the reason why the item was not on the Agenda, and

(ii) the reason why the discussion of this item cannot be delayed until a subsequent meeting.

Section 46A(7A) of the Local Government Official Information and Meetings Act 1987 (as amended) states:

"Where an item is not on the agenda for a meeting,-

(a) that item may be discussed at that meeting if-

(i) that item is a minor matter relating to the general business of the local authority; and

(ii) the presiding member explains at the beginning of the meeting, at a time when it is open to the public, that the item will be discussed at the meeting; but

(b) no resolution, decision or recommendation may be made in respect of that item except to refer that item to a subsequent meeting of the local authority for further discussion."

6 Confirmation of Minutes

6.1 Meeting minutes of Services and Assets Committee, 09 February 2021

Services and Assets Committee

OPEN MINUTES

Minutes of a meeting of Services and Assets Committee held in the Council Chamber, 20 Don Street, Invercargill on Tuesday, 9 February 2021 at 9am. (9am – 10.53am, 11.07am – 11.13am (PE 9.52am – 10.53am, 11.07am – 11.13am).

PRESENT

Chairperson	Ebel Kremer
	Mayor Gary Tong
Councillors	Don Byars (9am – 10.53am, 11.11am - 11.13am)
	John Douglas
	Paul Duffy (9am – 10.53am, 11.10am - 11.13am)
	Bruce Ford (9.07am – 10.53am, 11.07am – 11.13am)
	Darren Frazer
	George Harpur
	Julie Keast
	Christine Menzies
	Karyn Owen
	Margie Ruddenklau
	Rob Scott

APOLOGIES

Councillor Ford (for lateness)

IN ATTENDANCE

Group Manager, Services and Assets	Matt Russell
Committee Advisor	Fiona Dunlop

1 Apologies

There were apologies for lateness from Councillor Ford.

Moved Chairperson Kremer, seconded Cr Frazer **and resolved:**

That the Services and Assets Committee accept the apology.

2 Leave of absence

There were no requests for leave of absence.

3 Conflict of Interest

There were no conflicts of interest declared.

4 Public Forum

There was no public forum.

5 Extraordinary/Urgent Items

There were no Extraordinary/Urgent items.

6 Confirmation of Minutes

Resolution

Moved Cr Scott, seconded Cr Douglas **and resolved:**

That the Services and Assets Committee confirms the minutes of the meeting held on 9 December 2020 as a true and correct record of that meeting.

Reports

7.1 Services and Assets Programme Report

Record No: R/21/1/1220

Project Delivery Manager – Nick Hamlin was in attendance for this item.

(Councillor Ford joined the meeting at 9.07am.)

Resolution

Moved Cr Menzies, seconded Cr Keast **and resolved:**

That the Services and Assets Committee:

a) Receives the report titled "Services and Assets Programme Report" dated 2 February 2021.

7.2 Downer Water and Wastewater Maintenance Contract 10/01 - Monthly Report for October 2020

Record No: R/21/1/2242

Manager Contracts, Water and Waste – Bill Witham was in attendance for this item.

Resolution

Moved Chairperson Kremer, seconded Cr Frazer **and resolved:**

That the Services and Assets Committee:

a) receives the report titled "Downer Water and Wastewater Maintenance Contract 10/01 - Monthly Report for October 2020" dated 2 February 2021.

7.3 Te Anau Wastewater Scheme Update to Committee

Record No: R/20/12/70806

Senior Projects Manager – Geoff Gray was in attendance for this item.

Mr Gray advised that the purpose of the report was to update the Committee on progress of the Te Anau Wastewater scheme project.

The Committee noted that the reporting period covered activities on the Te Anau Wastewater project from 18 November 2020 to 11 January 2021.

Resolution

Moved Chairperson Kremer, seconded Cr Scott **and resolved:**

That the Services and Assets Committee:

a) receives the report titled "Te Anau Wastewater Scheme Update to Committee" dated 2 February 2021.

7.4 Road Operations - December 2020

Record No: R/20/12/73187

Roading Engineer – Rob Hayes was in attendance for this item.

Mr Hayes advised that the purpose of the report was to update the committee on the progress of the major roading contracts and provide the necessary context to the 2020/21 budget.

Resolution

Moved Cr Menzies, seconded Cr Keast **and resolved:**

That the Services and Assets Committee:

a) receives the report titled "Road Operations - December 2020" dated 2 February 2021.

Public Excluded

Exclusion of the Public: Local Government Official Information and Meetings Act 1987

Resolution

Moved Cr Ford, seconded Cr Byars **and resolved:**

That the public be excluded from the following part(s) of the proceedings of this meeting.

C8.1 Dipton Mossburn Road bridge No. 4 replacement options

C8.2 Footpath Renewal Programme 2020/21

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
Dipton Mossburn Road bridge No. 4 replacement options	s7(2)(i) - The withholding of the information is necessary to enable the local authority to carry on, without prejudice or disadvantage, negotiations (including commercial and industrial negotiations).	That the public conduct of the whole or the relevant part of the proceedings of the meeting would be likely to result in the disclosure of information for which good reason for withholding exists.
Footpath Renewal Programme 2020/21	s7(2)(i) - The withholding of the information is necessary to enable the local authority to carry on, without prejudice or disadvantage, negotiations (including commercial and industrial negotiations).	That the public conduct of the whole or the relevant part of the proceedings of the meeting would be likely to result in the disclosure of information for which good reason for withholding exists.

That the Chief Executive – Cameron McIntosh, Group Manager, Services and Assets – Matt Russell, Group Manager, Community and Futures – Rex Capil, Group Manager, Customer Delivery – Trudie Hurst, Strategic Transport Manager – Hartley Hare, Projects Delivery Manager – Nick Hamlin, Committee Advisor – Fiona Dunlop and Communications Specialist – Chris Chilton be permitted to remain at this meeting, after the public has been excluded, because of their knowledge of the items C8.1 Dipton Mossburn Road bridge No. 4 replacement options and C8.2 Footpath Renewal Programme 2020/21. This knowledge, which will be of assistance in relation to the matters to be discussed, is relevant to those matters because of their knowledge on the issues discussed and meeting procedure.

That Roading Engineer – Rob Hayes be permitted to remain at this meeting, after the public has been excluded, because of their knowledge of the items C8.1 Dipton Mossburn Road bridge No. 4 replacement options. This knowledge, which will be of assistance in relation to the matters to be discussed, is relevant to those matters because of their knowledge on the issues discussed.

The public were excluded at 9.52am.

(The meeting adjourned for morning tea 10.53am and reconvened at 11.07am.)

(Mayor Tong, Councillors Douglas, Ford, Frazer, Harpur, Keast, Kremer, Menzies, Owen, Ruddenklau and Scott were present when the meeting reconvened.)

(Councillor Duffy returned to the meeting at 11.10am.)
(Councillor Byars returned to the meeting at 11.11am.)

Resolutions in relation to the confidential items are recorded in the confidential section of these minutes and are not publicly available unless released here.

The meeting concluded at 11.13am.

CONFIRMED AS A TRUE AND CORRECT RECORD AT A MEETING OF THE SERVICES AND ASSETS COMMITTEE HELD ON TUESDAY 9 FEBRUARY 2021.

DATE:.....

CHAIRPERSON:.....

Road Operations - January and February 2021

Record No: R/21/2/5923
Author: Rob Hayes, Roading Engineer
Approved by: Matt Russell, Group Manager Services and Assets

☐ Decision ☐ Recommendation ☒ Information

Purpose

1 The purpose of this report is to update the committee on the progress of the major roading contracts and provide the necessary context to the 2020/21 budget.

Executive summary

2 WSP have completed 283 bridge inspections to the end of February 2021. Nelson Road failed its annual inspection and has been closed.

3 Maintenance spend across the three contracts totalled $6.93M to the end of January and $8.05M to the end of February.

4 Mclean Road resource consent for the box culvert installation has been granted and materials ordered. We were programming physical works to commence during in March, however due to delays in obtaining the consent work will be delayed until April.

5 Flood repair work on Ellis Road is programmed to start later March. Environment Southland have competed the flood protection.

6 Customer Satisfaction; 176 Requests for Service (RFS), across the three Alliance contracts were received in January, compared to 165 in 2020, an increase of 6%. 109 Requests for Service (RFS), across the three Alliance contracts were received in February, compared to 99 in 2020, a decrease of 9%.

7 In relation to health and safety; 37 contractor safety audits were completed during January and February with 43 near misses were reported.

8 Activity performance:

- metalling, 31,200m^3 (56%) has been placed by the end of February of a total 2020/21 budget of 55,967m^3
- grading, 8,268km (61%) has been graded by the end of February of a total 2020/21 budget of 13,600 km for the year.

Pavement rehabilitations

9 Package 1: Balfour Ardlussa Road Rehabilitation has been completed.

10 Package 2: Central Area Rehabilitations with sections on Otautau Nightcaps Road, Argyle Otahuti and Fairfax Isla Bank Roads has been awarded to The Roading Company. Drainage works is complete on all three sites with pavement construction underway at Otautau Nightcaps Road.

11 Package 3: Otapiri Gorge Road Rehabilitation has been complete.

Package 4: Tokanui Gorge Road Highway is ready to tender next financial year 2021/22.

Fortrose Otara Road seal widening is 95% complete and the first half has also been resealed.

Completed section of the Fortrose Otara Road seal widening

Resurfacing

12 The resealing programme is progressing well with 75% of this year's programme completed.

Pavement marking

13 Downer have significantly improved their performance since we last reported in December. 63% of this year's programme has been completed.

Bridges

14 Downer's additional site, Horton Road, Tussock Creek is programmed for construction during March.

15 SouthRoads have completed seven bridges on the Northern Southland design and build package. These are at Dunrobin, Biggar, Fortune, Bruce, Kingsbury, Argyle and Lilburn Monowai Roads leaving three bridges to complete.

Piles being driven at Lilburn Monowai Road

Precast abutments installed at Lilburn Monowai Road

The completed bridge under construction at Bruce Road

Recommendation

That the Services and Assets Committee:

a) receives the report titled "Road Operations - January and February 2021" dated 16 March 2021.

Attachments

A Waimea Alliance A3 January 2021 ⇩
B Central Alliance A3 January 2021 ⇩
C Foveaux Alliance A3 January 2021 ⇩
D SouthRoads H&S Report January 2021 ⇩
E Fulton Hogan H&S Report January 2021 ⇩
F Waimea Alliance A3 February 2021 ⇩
G Central Alliance A3 February 2021 ⇩
H Foveaux Alliance A3 February 2021 ⇩
I SouthRoads H&S Report February 2021 ⇩
J Fulton Hogan H&S Report February 2021 ⇩

Waimea Alliance - Summary Report January 2021

CUSTOMER AND COMMUNITY GOVERNANCE

Requests for Services	Jan-21	YTD
General Requests for Road Service (RFS's)	47	217
Road Service Requests completed on time	39	183
Road Service Requests completed on time %	83%	84%

HEALTH AND SAFETY

	Jan-21	YTD
Lost Time Incident (pass/fail >1)	-	-
Medical Treatment Intervention (pass/fail >1)	-	1
Near Hits Reported (pass/fail <5)	5	45
Site Safety & Traffic Management Audits completed (pass/fail <5)	6	45
Site Safety & Traffic Management non-compliances (pass/fail >1)	-	-

PERFORMANCE SCORECARD

KEY RESULT AREA	WEIGHTING	SCORE
Financial - YTD	10%	10%
Customer and Community Governance	10%	8%
Health & Safety	20%	20%
Alliance Effectiveness & Efficency	40%	37%
Pre-Reseal Repairs (75% 1st Oct, 90% 15th Nov, 100% 1st Dec).	10%	10%
Metalling Acheivement	10%	10%
Grading Acheivement	10%	7%
Rework (pass/fail 1)	10%	10%
Network Condition ** To be confirmed	20%	20%
Overall Score	**100%**	**95%**

IDENTIFIED RISK & STRATEGY UPDATE

Risk 1 - ***Riversdale Waikaia Road***

Tree roots effecting the pavement integrity. Council to determine appropriate action.

Risk 2 - ***Nokomai Road - Bridge 2***

An Island of gravel upstream from Bridge 2 has potenial to take out both abutments. Gravel extraction consent is underway.

Risk 3 - ***Culverts 600mm>***

Culvert Inspections on 600mm and above is highlighting issues in the network. More money for drainage has been put in the 21-31 LTP.

Weather patterns were very mixed over New Zealand with a number of quite cool showery south-west wind flows (and snow on the ranges) interspersed with warm conditions. Although rainfall was higher than average, with many breezy quite cool days and low sunshine hours, temperatures were on a roller-coaster but still ended the month slightly higher than average for January, thanks to a good number of fine and warm days. Rain early in the new year seen the Waikaia River exceed the highest since records began beating the record of last year's February flood. The Waikaia township entrance road was under water three times within three weeks of January.

Repairs are will under way with the flood damage repairs with an estimated value of around $250,000. Affected areas again were mainly the Waikaia and Garston areas. A large culvert at the start of McLean Road had to be replaced urgently due to this cutting off the residents access. Another emergency culvert replacement was completed on Clifden Domain Road also.

The Premix Crew have made a start on the 20/21 Pre Reseal repairs. The Stabi crew have completed all of the Pre Reseal Repairs for the 20/21 program.

Due to the flooding early in the month I have had to get the drainage crew onto flood damage repairs and call in help from another division to complete the unsealed water channel cleaning on Waddell Road.

ALLIANCE EFFECTIVENESS & EFFICIENCY

Sealed Network Acheivement of Programme - 2021/22 Pre-Reseal Repairs

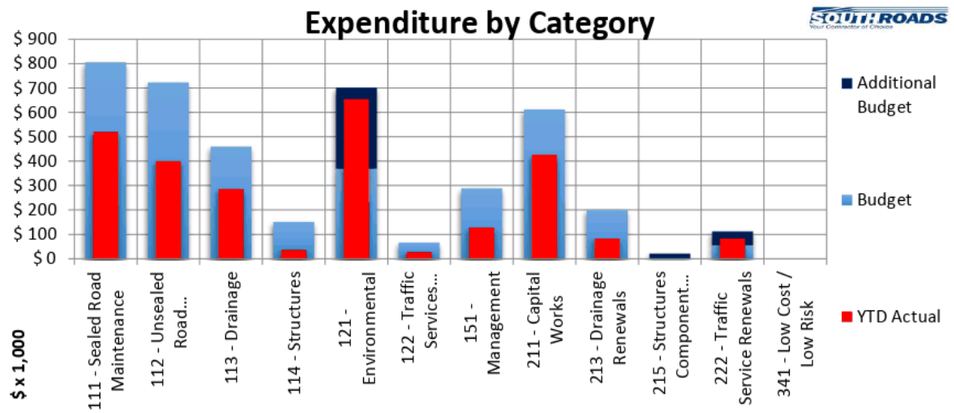
Activity	21/22 Repairs	Jan-21	YTD	Remaining	% Completed
Depressions (m2)	1,802	661	661	1,141	37%
Edge Breaks (m)	3,719	739	739	2,980	20%
Dig Outs (m2)	-	-	-	-	0%
Stabilising (m2)	1,324	-	1,324	-	100%
Sites	76	29	29	47	38%
Kilometres	42	16	16	26	38%

Unsealed Network Acheivement of Programme

Activity	Budget	Jan-21	YTD	Remaining	% Completed
Metalling (m3)	19,500	111	12,392	7,108	64%
Grading (KM)	4,629	226	2,529	2,100	55%

Structures - Maintenance - *Joint Alliances*

Activity	Quantity	Jan-21	YTD	Remaining	% Completed
Consultants List	-	-	-	-	0%
Bridge Inspections	833	-	-	833	0%



FINANCIAL COMMENTARY

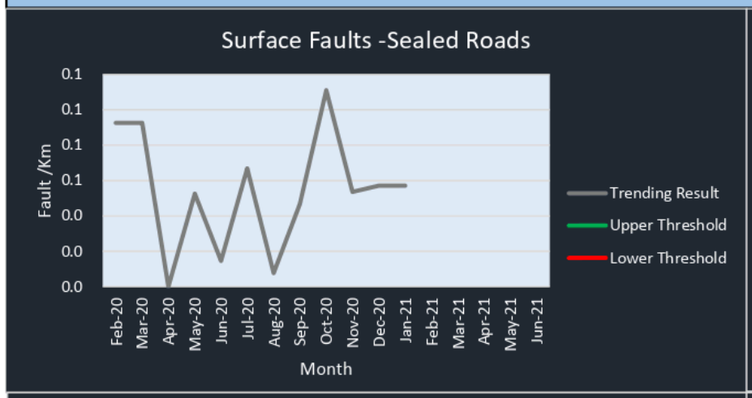
Currently there are no major area's of concern financially within the Alliance.

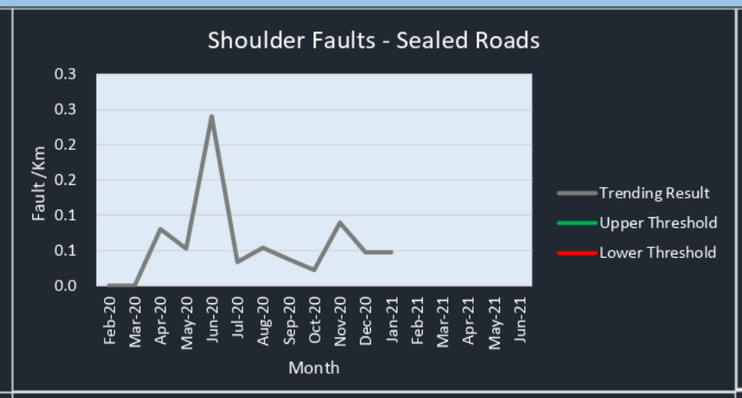
Waimea alliance

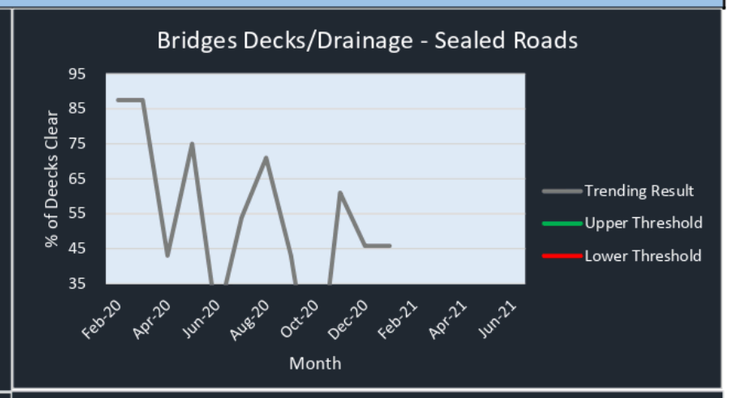
FINANCIAL SUMMARY - Roading

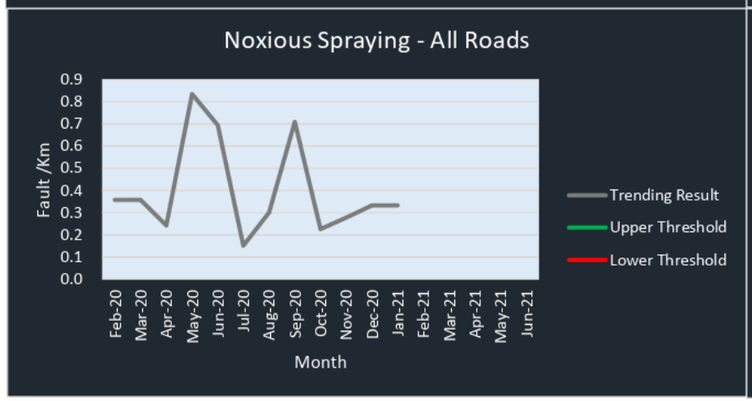
	Annual Amoun	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
Original Total Cost Estimate	$ 3,745,922	$ 810,000	$ 324,910	$ 284,000	$ 280,000	$ 330,000	$ 255,000	$ 185,000	$ 195,000	$ 200,000	$ 205,000	$ 260,000	$ 417,012
Actual Claim		$ 869,647	$ 280,451	$ 384,774	$ 356,690	$ 295,823	$ 267,678	$ 330,944	$ -	$ -	$ -	$ -	$ -
Year to Date Budget	$ 2,535,591	$ 810,000	$ 1,134,910	$ 1,418,910	$ 1,705,259	$ 2,084,240	$ 2,350,591	$ 2,535,591	$ 2,730,591	$ 2,930,591	$ 3,135,591	$ 3,395,591	$ 3,812,603
Actual Claim YTD	$ 2,786,007	$ 869,647	$ 1,150,098	$ 1,534,871	$ 1,891,562	$ 2,187,385	$ 2,455,063	$ 2,786,007	$ 2,786,007	$ 2,786,007	$ 2,786,007	$ 2,786,007	$ 2,786,007
Variance YTD	-$ 250,416	*$ 319,175 Additional funds provided*											

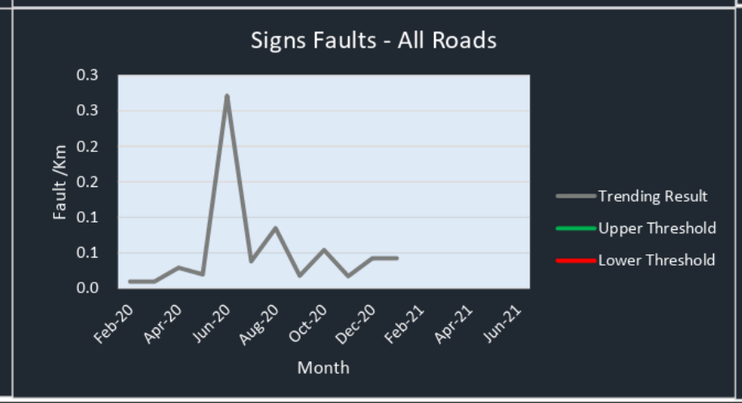
CONDITION PERFORMANCE

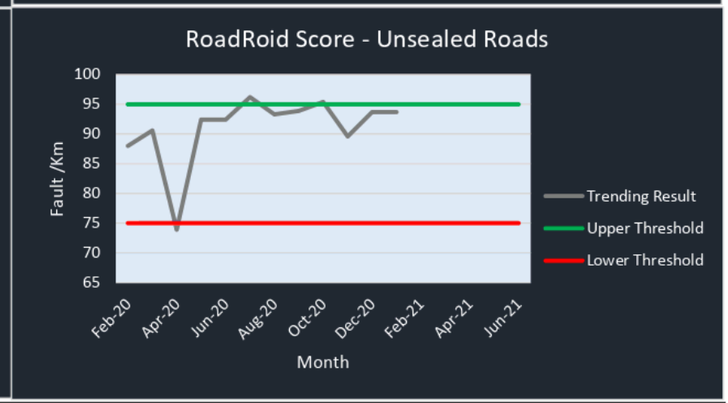










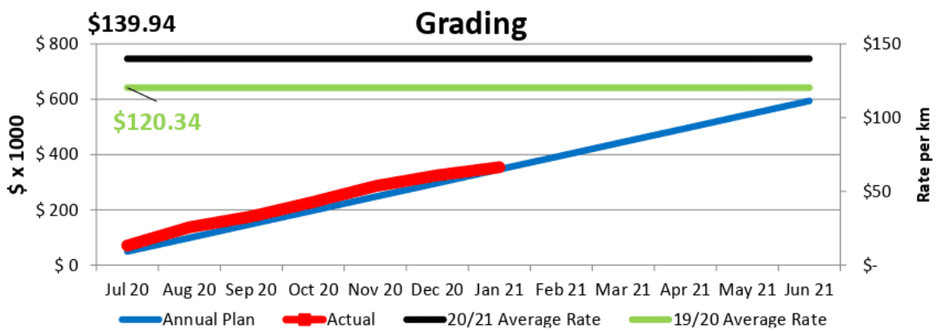


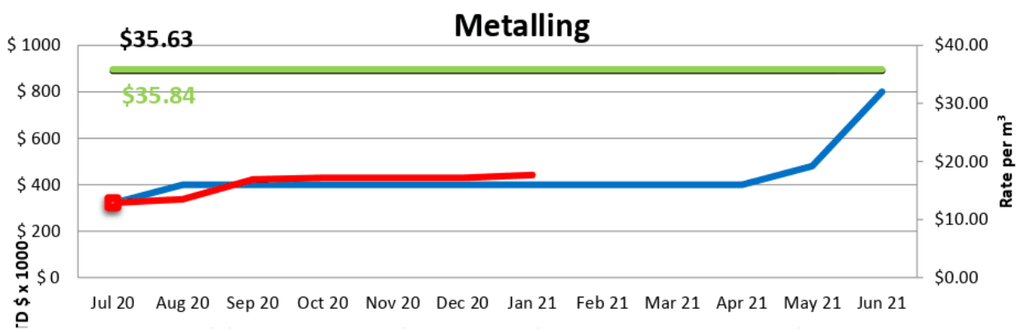
CONDITION PERFORMANCE - COMMENTARY

The above graphs are intended to present the condition trends of the network based off monthly audits. As we collect data we will set the upper and lower threshold for each activity. The road roid score is an example. The January numbers are an average of July - November. The 10% audits will resume in February.

FACILITES/ATMCT COMMENTARY

Spraying was completed on the Around the Mountains Cycle Trail. Currently there are no major issues outstanding and budget is tracking well year to date.





Central Alliance - Summary Report January 2021

CUSTOMER AND COMMUNITY GOVERNANCE

Requests for Services	Jan-21	YTD
General Requests for Road Service (RFS's)	93	525
Road Service Requests completed on time	89	491
Road Service Requests completed on time %	96%	94%

HEALTH AND SAFETY

	Jan-21	YTD
Lost Time Incident (pass/fail >1)	-	-
Medical Treatment Intervention (pass/fail >1)	-	-
Near Hits Reported (pass/fail <5)	12	58
Site Safety & Traffic Management Audits completed (pass/fail <5)	5	45
Site Safety & Traffic Management non-compliances (pass/fail >1)	-	1

PERFORMANCE SCORECARD

KEY RESULT AREA	WEIGHTING	SCORE
Financial - YTD	10%	10%
Customer and Community Governance	10%	10%
Health & Safety	20%	20%
Alliance Effectiveness & Efficency	40%	40%
Pre-Reseal Repairs (75% 1st Oct, 90% 15th Nov, 100% 1st Dec).	10%	10%
Metalling Acheivement	10%	10%
Grading Acheivement	10%	10%
Rework (pass/fail 1)	10%	10%
Network Condition ** To be confirmed	20%	20%
Overall Score	**100%**	**100%**

IDENTIFIED RISK & STRATEGY UPDATE

Logging, Heavy vehicle traffic on Unsealed Roads

The wet weather coupled with the heavy duty trafficking from logging trucks, milk tankers and other large type agricultural equipment. Will continue to monitor and address issues before they become problems.

Culverts, large number of failures

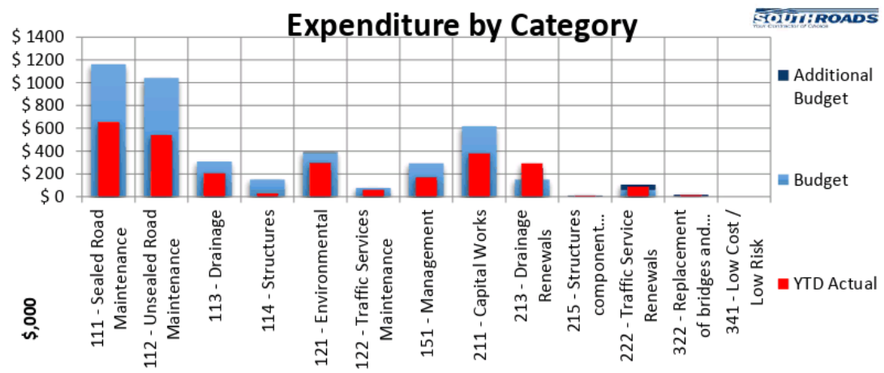
2020/2021 has seen a large number of culvert failures, while currently we can absorb these costs if additional culverts fail significant pressure would be put on our programme.

January started with a bang with flooding at the beginning of the month followed by a week of hot weather and then more flooding, snow even made an appearance on the ranges. This has resulted in a large increase in RFS's 93 compared to December's 34.

January saw a large amount of vandalism occur to toilets especially in Riverton which is disappointing.

The flooding that occurred affected Richard Street and Blackmore Road in Riverton (these have been repaired), Bryce Road in Dipton was also hit hard and is programmed for repairs in early February. Various bridges had debris hung up which has been removed, this resulted in Channel Road bridge being shut as a large portion of material was washed away from one of the piles. A detour was signed up however a member of the public thought that it would be better if the detour signs and cones were placed in paddocks and hedges or thrown in the river. This is extremely disappointing as there is a significant cost to setting up and maintaining a detour site. The second round of wet weather did provide a small benefit in that this filled the hole around the pile on Channel Road resulting in the bridge being re-opened.

The hot weather mixed with agricultural machinery saw a section of Otautau Nightcaps road damaged while another section required additional chip to be placed and rolled to prevent the road from failing.



ALLIANCE EFFECTIVENESS & EFFICIENCY

Sealed Network Acheivement of Programme - 2021/22 Pre-Reseal Repairs

Activity	21/22 Repairs	Jan-21	YTD	Remaining	% Completed
Depressions (m2)	11,392	-	-	11,392	0%
Edge Breaks (m)	6,856	-	-	6,856	0%
Dig Outs (m2)	5	-	-	5	0%
Stabilising (m2)	1,096	-	-	1,096	0%
Sites	80	-	-	80	0%
Kilometres	60	-	-	60	0%

Unsealed Network Acheivement of Programme

Activity	Budget	Jan-21	YTD	Remaining	% Completed
Metalling (m3)	14,160	1,672	10,200	3,960	72%
Grading (KM)	4,629	352	2,568	2,061	55%

Structures - Maintenance - *Joint Alliances*

Activity	Quantity	Jan-21	YTD	Remaining	% Completed
Consultants List	0	0	0	0	0%
Bridge Inspections	833	0	0	833	0%

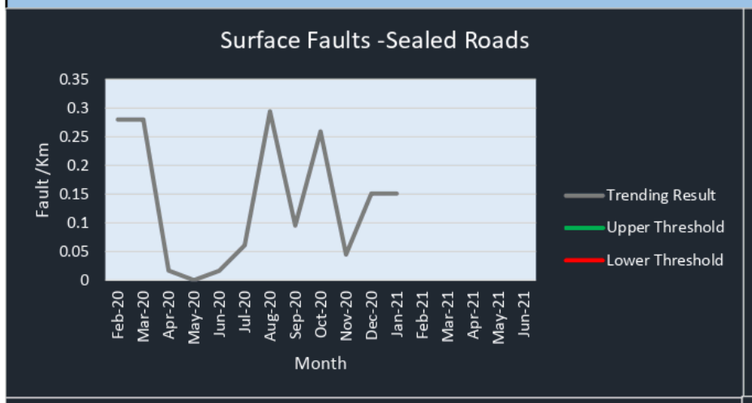
FINANCIAL COMMENTARY

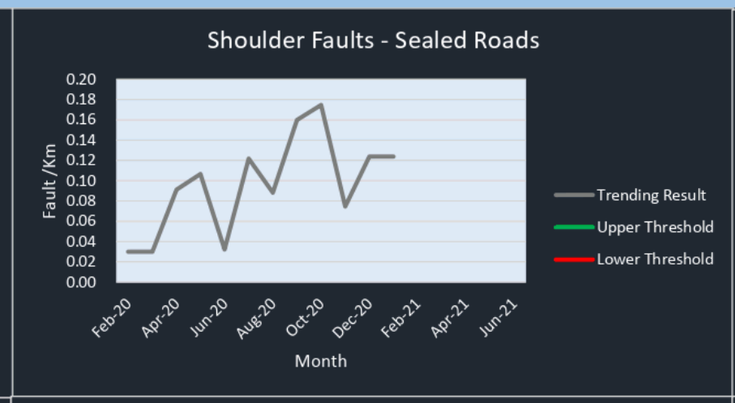
The year has begun and already we have seen some large drainage work being undertaken. A review of finances occured in January with a forecast prepared at this stage we will manage to the existing budget.

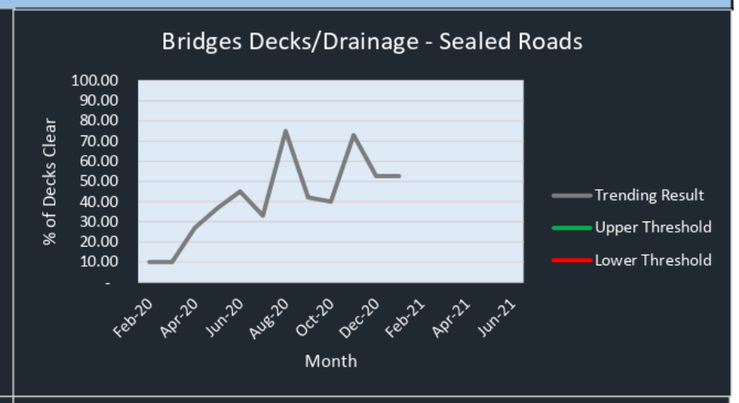
FINANCIAL SUMMARY - Roading

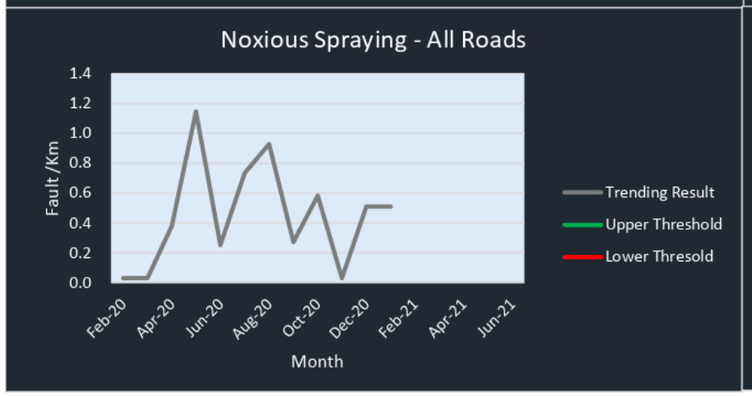
	Annual $	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
Original Total Cost Estimate	$ 4,045,609	$ 521,818	$ 488,323	$ 376,493	$ 275,003	$ 287,503	$ 246,425	$ 246,425	$ 275,003	$ 275,003	$ 246,425	$ 376,493	$ 430,695
Actual Claim		$ 529,267	$ 560,361	$ 377,698	$ 362,092	$ 475,316	$ 247,494	$ 188,316	$ -	$ -	$ -	$ -	$ -
Year to Date Budget	$ 2,519,088	$ 526,899	$ 1,050,892	$ 1,437,379	$ 1,712,657	$ 2,003,172	$ 2,266,023	$ 2,519,088	$ 2,794,091	$ 3,069,094	$ 3,315,519	$ 3,692,012	$ 4,122,707
Actual Claim YTD	$ 2,740,545	$ 529,267	$ 1,089,628	$ 1,467,326	$ 1,829,418	$ 2,304,734	$ 2,552,228	$ 2,740,545	$ 2,740,545	$ 2,740,545	$ 2,740,545	$ 2,740,545	$ 2,740,545
Variance YTD	-$ 221,457	Additional Funds	$ 77,098										

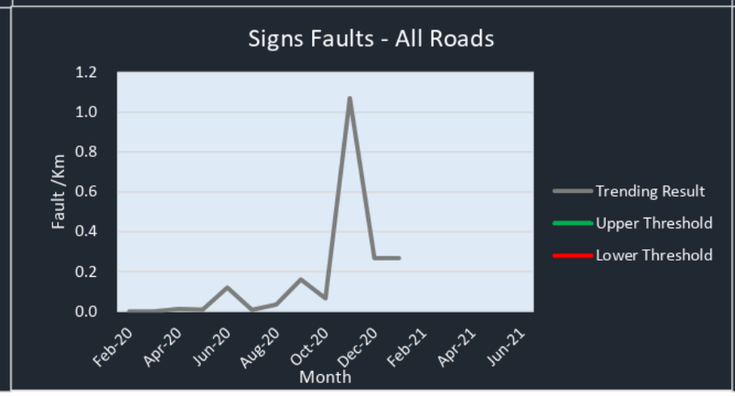
CONDITION PERFORMANCE

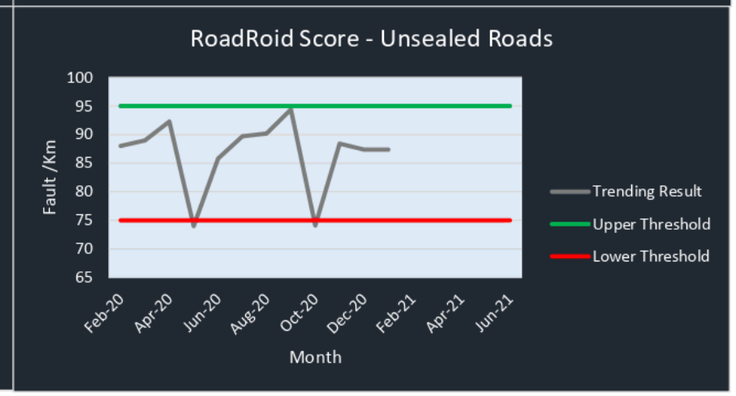










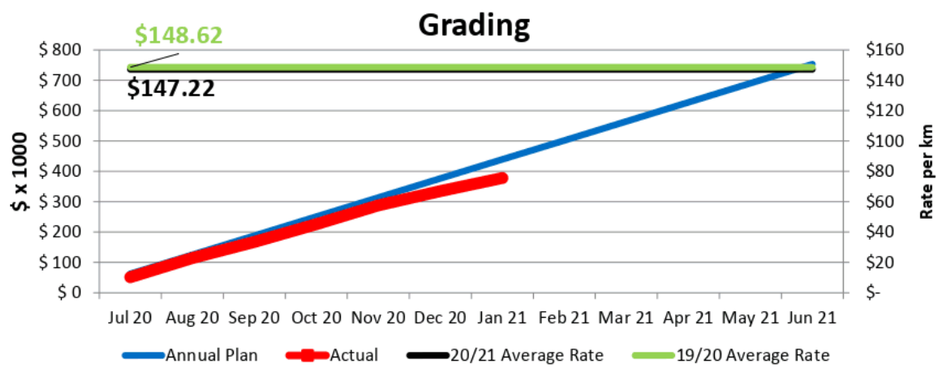


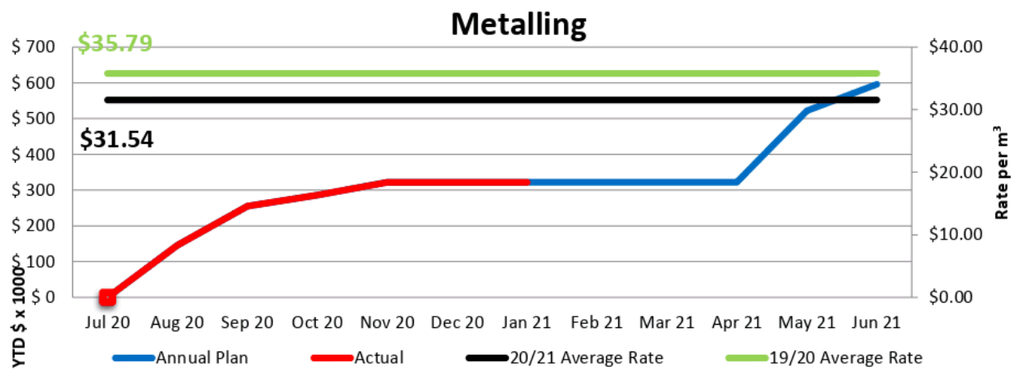
CONDITION PERFORMANCE - COMMENTARY

The above graphs are intended to present the condition trends of the network based off monthly audits. As we collect data we will set the upper and lower threshold for each activity. The road road score is an example. The January numbers are an average of July - November. The 10% audits will resume in February.

FACILITES COMMENTARY

Currently there are no major issues outstanding.





SOUTHLAND DISTRICT COUNCIL

Foveaux Alliance - Summary Report January 2021

FOVEAUX ALLIANCE

CUSTOMER AND COMMUNITY GOVERNANCE

Requests for Services	Jan-21	YTD
General Requests for Road Service (RFS's)	36	341
Road Service Requests completed on time	31	328
Road Service Requests completed on time %	86%	96%

HEALTH AND SAFETY

	Jan-21	YTD
Lost Time Incident (pass/fail >1)	-	-
Medical Treatment Intervention (pass/fail >1)	-	-
Near Hits Reported (pass/fail <5)	3	17
Site Safety & Traffic Management Audits completed (pass/fail <5)	4	55
Site Safety & Traffic Management non-compliances (pass/fail >1)	-	1

PERFORMANCE SCORECARD

KEY RESULT AREA	WEIGHTING	SCORE
Financial - YTD	10%	10%
Customer and Community Governance	10%	9%
Health & Safety	20%	10%
Alliance Effectiveness & Efficency	40%	36%
Pre-Reseal Repairs (75% 1st Oct, 90% 15th Nov, 100% 1st Dec).	10%	10%
Metalling Acheivement	10%	7%
Grading Acheivement	10%	9%
Rework (pass/fail 1)	10%	10%
Network Condition ** To be confirmed	20%	20%
Overall Score	**100%**	**85%**

IDENTIFIED RISK & STRATEGY UPDATE

Risk 1 - Waikawa Curio Bay Otta Seal Failure

Sealwall rock protection work complete, still continues to be turned back to gravel as failures increase

Risk 2 - Chaslands Highway failure

19km - 26km section is in for reseal this year but has had many repairs before winter and has more failures during winter - will a reseal work?

Risk 3 - Brydone Glencoe slip

AWPT completed but early signs of movment still - this may settle

In January RFS No's has increase to 36 from a steady 21 we saw in December. The Christmas break will have had an impact on this. We expect this to normalize in February.

21/22 reseal sites programs are still under development. Some of this year's reseals have been deffered to next year, which means that we are ahead with our pre seal repair programnme for 21/22. Stabi Crew is still away helping the Dunedin crew. This will help out preserve our budget.

We are not tracking as we have hoped with our Noxious spraying. Weather has not been great in January. We are monitoring the road side growth and will make a call on starting thye second round of verge spraying on the sealed section soon.

We got some metalling done in the final week of January. We have achieved 70% of programme and will put measures in place to lift this no. 90% of our grading programme has been achieved for January.

We have had 3 near misses and 4 Site Safety and TTM audits in January with no "Fails" - Happy with these No's since it was a short month.

ALLIANCE EFFECTIVENESS & EFFICIENCY

Sealed Network Acheivement of Programme - 2020/21 Pre-Reseal Repairs

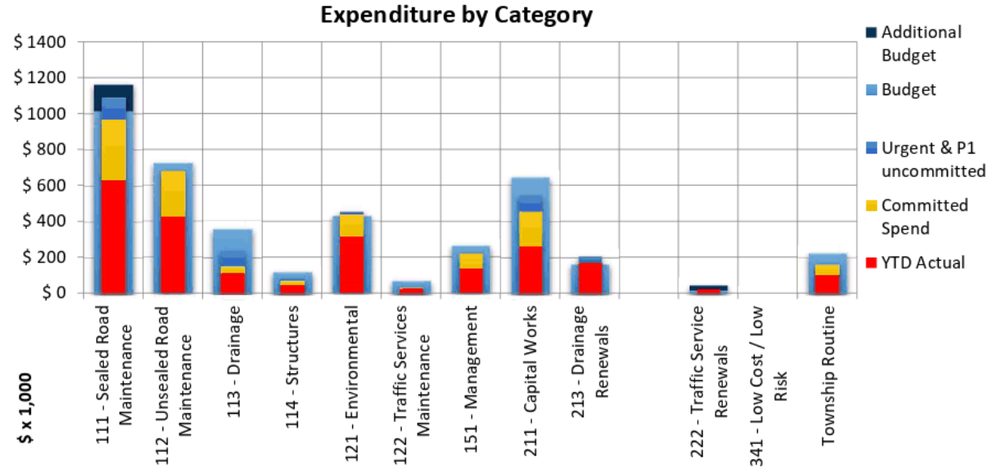
Activity	20/21 Repairs	Jan-21	YTD	Remaining	% Completed
Depressions (m2)	280	-	330	- 50	118%
Edge Breaks (m)	1,970	-	1,983	- 13	101%
Dig Outs (m2)	-	-	5	- 5	0%
Stabilising (m2)	5,609	304	3,219	2,390	57%
Sites	42	-	42	-	100%
Kilometres	28	-	28	-	100%

Unsealed Network Acheivement of Programme

Activity	Budget	Jan-21	YTD	Remaining	% Completed
Metalling (m3)	17,000	254	6,244	10,756	37%
Grading (KM)	4,000	184	2,110	1,890	53%

Structures - Maintenance - *Joint Alliances*

Activity	Quantity	Jan-21	YTD	Remaining	% Completed
Consultants List	32	3	18	14	56%
Bridge Inspections	181	1	94	87	52%



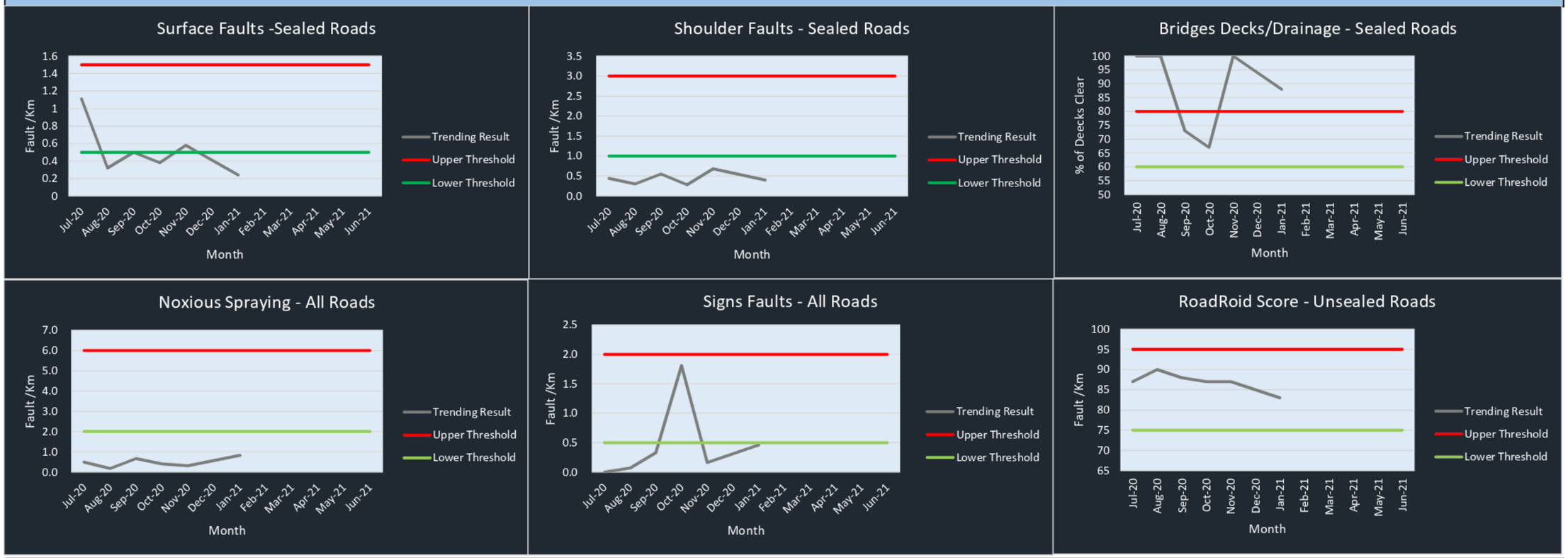
FINANCIAL COMMENTARY

Back on track with YTD spend after one full crew spent time "off contract". $38K below Budget YTD. Metalling costs per unit are well up. It has been a wet month and extra cost as a result of chasing patch repairs on Soft spots and intermittent grading because of weather and delivering small areas. Metalling programme underway. We made a start in the last week of January. Grading cost/Km up slightly with Metalling

FINANCIAL SUMMARY

	Annual Amount	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
Original Total Cost Estimate	$ 4,029,232	$ 284,177	$ 293,360	$ 302,710	$ 387,481	$ 282,425	$ 292,049	$ 299,252	$ 390,517	$ 409,438	$ 411,204	$ 348,463	$ 328,157
Actual Claim		$ 423,517	$ 343,080	$ 314,016	$ 323,785	$ 404,694	$ 244,434	$ 221,788	$ -	$ -	$ -	$ -	$ -
Year to Date Budget	$ 2,313,574	$ 344,177	$ 654,441	$ 962,366	$ 1,349,847	$ 1,722,272	$ 2,014,321	$ 2,313,574	$ 2,704,090	$ 3,113,528	$ 3,524,732	$ 3,873,195	$ 4,201,352
Actual Claim YTD	$ 2,275,314	$ 423,517	$ 766,597	$ 1,080,613	$ 1,404,398	$ 1,809,092	$ 2,053,526	$ 2,275,314	$ 2,275,314	$ 2,275,314	$ 2,275,314	$ 2,275,314	$ 2,275,314
Variance YTD	$ 38,260	*Additional funds provided - Seal widening Coal pit road & signs speed review*											

CONDITION PERFORMANCE

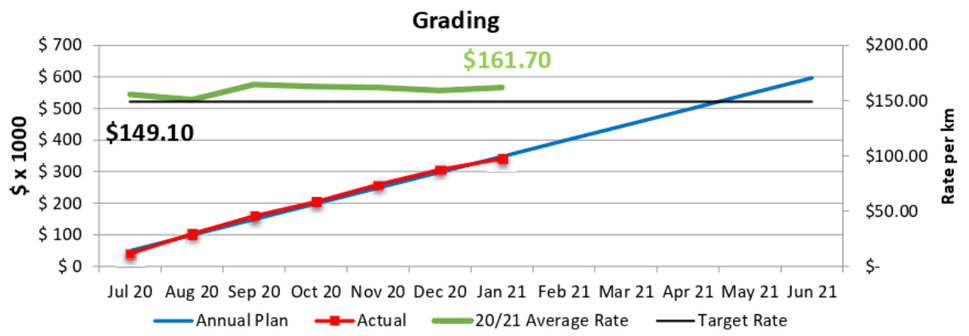


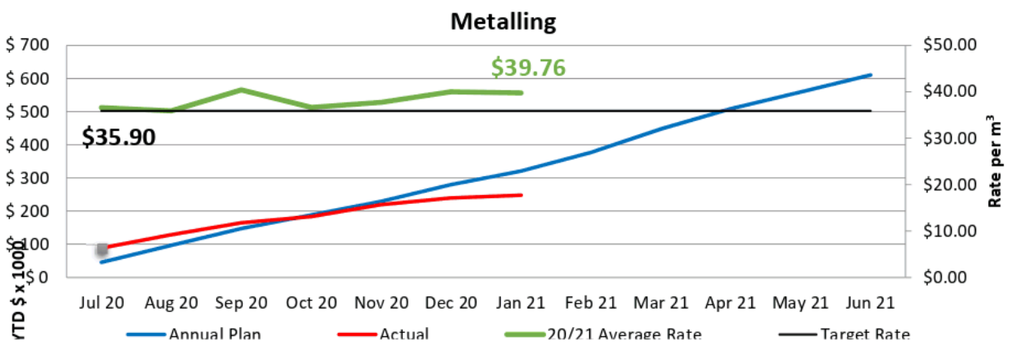
CONDITION PERFORMANCE - COMMENTARY

"Condition survey" completed on 1.02.2021. Result are good with only Noxious spraying and Signs Faults trending upwards, but still under the lower threshold. Unsealed road condition good. Overall network condition at 85%.

FACILITES/ATMCT COMMENTARY

Stewart Island vegetation standard is now making some progress. All toilets are now well under the control of our single cleaner with excellent feedback received.





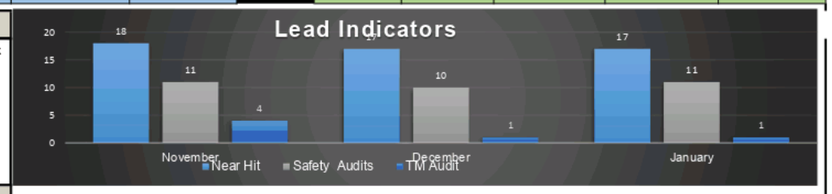
SDC / ICC MAINTENANCE SAFETY PERFORMANCE AND STATISTICS - 20/21

Hours Worked		Lag Indicators: TRIFR	Discomfort Pain Injury	Medical Treatment Injuries	Lost Time Injuries	MTI Frequency Rate	LTI Frequency Rate	Plant/Property	3rd Party	Total
2019-20	68,267	29	13	1	1	14.6	14.65	41	2	58
2020-21	41,706	24.0	11	1	0	24.0	0.0	33	2	47
2020-21 Hours Worked	Month	TRIFR	Discomfort Pain Injury	Medical Treatment Injuries	Lost Time Injuries	MTI Frequency Rate	LTI Frequency Rate	Plant/Property	3rd Party/ Subcontractor	TOTAL
6,661	July	0.0	2	0	0	0.0	0.0	10	1	13
6,229	August	0.0	1	0	0	0.0	0.0	3	0	4
6,159	September	0.0	1	0	0	0.0	0.0	5	0	6
6,158	October	164.4	1	1	0	164.4	0.0	6	1	9
6,557	November	0.0	2	0	0	0.0	0.0	5	0	7
5,152	December	0.0	3	0	0	0.0	0.0	2	0	5
4,791	January	0.0	1	0	0	0.0	0.0	2	0	3

	Lead Indicators: Near Hit	Safety Audits	TM Audit	Toolbox	Total
	116	108	14	Weekly	238
YTD	101	77	15	Weekly	193
Month	Near Hit	Safety Audits	TM Audit	Toolbox/Weekly Meetings	TOTAL
July	13	12	2	Weekly	27
August	12	12	2	Weekly	26
September	15	15	4	Weekly	34
October	9	6	1	Weekly	16
November	18	11	4	Weekly	33
December	17	10	1	Weekly	28
January	17	11	1	Weekly	29

COMMENTARY

January saw a Toolbox meeting at the Winton firestation on the 11th January which covered off a "slow start" meaning a review of all potential hazards on work sites and to take time to review the hazard identification forms. This was to promote that it is not "Business as Usual". Staff were also challenged to ensure alignment with the Traffic Management Plan but also identify when the TMP does not suit a worksite and to contact their manager if they are unsure of an appropriate set up. Covid-19 protocols were reinforced, keep tracing and use the on-site register to ensure staff know who has visited site and who they have travelled with.



INCIDENT REGISTER

Incident	Description	Event Type	Reporting Line	Investigation Status	
1/01/2021	Chipped windscreen resulting in a crack (replacement required).	Incident	Central	Closed	
18/01/2021	Driving Ute when the toolbox lid lifted up and opened.	Near Hit	Central	Closed	
19/01/2021	Operator was waiting for a car at an intersection when it slid off the road and into the paddock.	Near Hit	Central	Closed	
20/01/2021	Sheep on the road the farmer only had flashing lights & no signs on the road as warnings (Raining Heavily at the time).	Near Hit	Central	Closed	
21/01/2021	Loading Trees - One of the reflectors is installed in the wrong place on the trailer.	Near Hit	Central	Closed	
22/01/2021	Drove around corner with a tail pilot travelling slowly on the road, had to brake in order to avoid a collision	Near Hit	Waimea	Closed	
22/01/2021	Dog run out onto the road and attacked wheel.	Near Hit	Waimea	Closed	
22/01/2021	Oncoming vehicle over took another vehicle in front of them.	Near Hit	Waimea	Closed	
26/01/2021	Tore mudflaps off truck.	Incident	Waimea	Closed	
26/01/2021	Operator was passed on a yellow line.	Near Hit	Central	Closed	
27/01/2021	Sign caught in the wind nearly hit the operator.	Near Hit	Central	Closed	
27/01/2021	Grader spotted a motor bike pulling out of a farm and could see the rider did not look his way so stopped in order to avoid a collison	Near Hit	Central	Closed	
28/01/2021	Member of the public was on a cell phone while driving.	Near Hit	Central	Closed	
28/01/2021	Car ran a Stop sign turning onto SH6.	Near Hit	Central	Closed	
28/01/2021	Truck turned out onto SH96 and Member of the public having to break heavily.	Near Hit	Central	Closed	
28/01/2021	Operator was stung by bee.	Incident	Waimea	Closed	
29/01/2021	Rock chucked up from passing Truck and hit the Ute.	Near Hit	Central	Closed	
29/01/2021	Truck pulled into Rehab site and passed vehicles in the 30km per hr zone.	Near Hit	Central	Closed	
29/01/2021	Cows attacking operator.	Near Hit	Waimea	Closed	
29/01/2021	Member of the public entered a work site.	Near Hit	Waimea	Closed	

Incident Alert 155 – Near Electrocution

SHARP

Recently a Near Hit occurred at the Gore plant involving an electrical switch. Some work was being completed to install a new electrical switch for a water blaster at the slump stand. The old switch was to be decommissioned once the new switch was installed. The Electrician had left for the day intending to return to complete work the following day. The supervisor then decided to remove the old switch believing that the power had been isolated. When the screwdriver being used contacted a live exposed wire a large spark was produced. If skin contact had been made with this high voltage wire the supervisor could have been electrocuted at high voltage.

Key learnings:

- Leave all work to the professional contractors that we engage. Never attempt any task involving access to electricity.
- Communication & assessment of all hazards is essential. Everybody that can be effected at a plant should be aware. A job safety analysis should be completed to identify all hazards and control measures that will be in place.
- In this case, the area should have been closed off & clearly marked by the contractor and communicated with the supervisor.

Definitions Lag Indicators:

Personal Injury - *physical injury inflicted to a person's body.*
Medical Treatment Injury - *is defined as an injury or disease that resulted in a certain level of treatment given by a physician or other medical personnel under standing orders of a physician.*
Lost Time Injury - *lost time accident is an accident occurring at work that results in at least one full day away from work duties. This does not count the day on which the injury occurred or the day on which the employee returns to the job.*
Plant/Property - *Incident involving plant or property.*
3rd Party - *Incident involving a 3rd party outside of SR.*
IOF - *For recording any other items such as missing hazard control, an issue that cause undesirable consequences, or procedure that needs improving.*

Definitions Lead Indicators:

Near Hit - *for any unplanned event where there was no consequences, but under slightly different circumstances, there would of been injury of damage.*

Full Audit *- Full safety audit as per the SR safety audit form.*

Traffic Management Audit - *Audit as per COPTTM forms.*

Safety Tour - *Abbreviated safety audit as per safety tour form.*

Toolbox Meetings - *is a formal group discussion that focuses on safety.*

SOUTHLAND DISTRICT COUNCIL

Foveaux Safety and Training Report 20/21

FOVEAUX ALLIANCE

Safety Statistics

	YTD	July 2020	Aug 2020	Sept 2020	Oct 2020	Nov 2020	Dec 2020	Jan 2021	Feb 2021	March 2021	April 2021	May 2121	June 2021
Hours Worked - FH Southland	85,841.10	10,337.10	13,250.35	13,210.75	16,038.94	12.322.75	10,858.25	9,822.96					
Hours Worked - Foveaux	13,906.30	2,004	1,911.25	2,047.25	2,221.70	2,204.00	1,981.75	1,536.35					
TRIFR – Regional (Total Recordable Injury Frequency Rate)	3.3	6.0	6.0	5.3	5.2	3.5	3.3	3.3					
LTI (Lost time Injury) Regional	0	0	0	0	0	0	0	0					
MTC(Medical Treatment Case) Regional	0	0	0	0	0	0	0	0					
MTC(Medical Treatment Case) Foveaux	0	0	0	0	0	0	0	0					
FAC First Aid Case) Regional	1	0	0	0	0	0	1	0					
FAC (First Aid Case) Foveaux	0	0	0	0	0	0	0	0					
NEAR MISS – Regional	31	9	2	7	0	3	4	6					
SITE AUDIT VISITS (Pass/Fail)	0	1	0	1	1	0	0	0					
Worksafe Site Visits - Regional	0	0	0	0	0	0	0	0					
Leadership Safety Actions Completed	53	6	11	8	8	9	8	3					

OFI / Near Miss for Foveaux

Type	Date	Detailed description
Near Miss	05/01/2021	While travelling home after a flooding incident, I was on Motu Rimu road, heading west when a blue SUV came around a corner half on my side of the road. Looking closer I was shocked to see a 2-3 year old child walking down the middle of the oncoming lane. It was in a shaded area and the child was wearing dark clothing. A few seconds later or earlier it would have ended in a death. I stopped the truck, put all flashing lights on and got the child off the road. The child had come from a farm house about a paddock away.
Theft	06/01/2021	Over the dates of 4 - 6 jan 21, 8 new cones have been removed from flooding and road closed sites. Locations are; Fleming Rd, Mataura Island Titiroa Rd and Coal Pit Rd. All are marked with FH 54950.
Safety Improvement		Fixed signs on trucks not being checked Get workshop as part of their COF WOF checks to include checking signs and replacing as required

Safety and Quality Team Commentary

Another good month for the Foveaux Team in regards to Health & Safety. As a group, Fulton Hogan has set a target of < 5.0 for our TRIFR, so achieving this for the last 3 months is a good effort from all.

Our commitment to the Wellbeing of our staff back on track with the appointment of a new Registered Nurse who visits every Wednesday for 2 hours. Staff have previously made good use of this initiative and we look forward to getting back to where we were.

Traffic Management continues to be a major concern to the business particular in regards to the abuse and threats directed at our staff. This is a national trend that is increasingly getting worse and is a major concern. Road Controlling Authorities are working with Contractors to see what can be done to lessen the risk to our staff with a meeting planned with SDC staff to look at this issue.

Training Statistics

	YTD	July-20	Aug-20	Sept-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	June-21
Hours in Training - FH Southland	258	258	67	136	94	72	8	0					
Hours in Training - Foveaux	52	36	8	8	8	0	0	0					

Training Courses Completed in January	Training Completed 2020/2021	
TC Traffic Control	First Aid New & Refresher Courses Locating and Protecting Underground Services Forklift OSH Refresher Asbestos Awareness Envirowise Growsafe & STMS Elevated Work Platform	Living Safely Stay Safe Rural Fire Training First Aid Training Fire Warden Training Concrete Saw Efficient Compaction Construct Safe

Fulton Hogan Living Safely
People at the heart of everything

Waimea Alliance - Summary Report February 2021

CUSTOMER AND COMMUNITY GOVERNANCE

Requests for Services	Feb-21	YTD
General Requests for Road Service (RFS's)	23	240
Road Service Requests completed on time	22	205
Road Service Requests completed on time %	96%	85%

HEALTH AND SAFETY

	Feb-21	YTD
Lost Time Incident (pass/fail >1)	-	-
Medical Treatment Intervention (pass/fail >1)	-	1
Near Hits Reported (pass/fail <5)	5	50
Site Safety & Traffic Management Audits completed (pass/fail <5)	9	54
Site Safety & Traffic Management non-compliances (pass/fail >1)	-	-

PERFORMANCE SCORECARD

KEY RESULT AREA	WEIGHTING	SCORE
Financial - YTD	10%	7.5%
Customer and Community Governance	10%	10%
Health & Safety	20%	20%
Alliance Effectiveness & Efficency	40%	39%
Pre-Reseal Repairs (75% 1st Oct, 90% 15th Nov, 100% 1st Dec).	10%	10%
Metalling Acheivement	10%	10%
Grading Acheivement	10%	9%
Rework (pass/fail 1)	10%	10%
Network Condition ** To be confirmed	20%	20%
Overall Score	**100%**	**96%**

IDENTIFIED RISK & STRATEGY UPDATE

Risk 1 - ***Riversdale Waikaia Road***

Tree roots effecting the pavement integrity. Council to determine appropriate action.

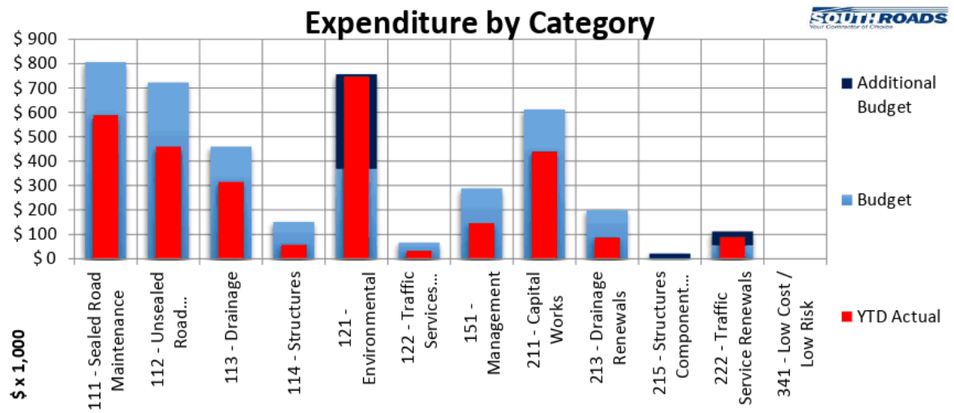
Risk 2 - ***Nokomai Road - Bridge 2***

An Island of gravel upstream from Bridge 2 has potenial to take out both abutments. Gravel extraction consent is underway.

Risk 3 - ***Culverts 600mm>***

Culvert Inspections on 600mm and above is highlighting issues in the network. More money for drainage has been put in the 21-31 LTP.

Two slow-moving highs brought long periods with fine weather to the southern region during February and the two outbreaks of rain (8th-11th, 24th) were not unwelcome as the region became quite dry during the month, with the month's rainfall only slightly over half the usual.
Temperatures again were very up and down, with a dusting of snow on the mountain tops on the 11th, then three days with consecutive frosts on the 16th - 18th. Only a few days later afternoon temperatures reached the mid-20°'s on three consecutive days. Warm days more than balanced out the cool nights. and the monthly mean temperature was slightly warmer than average for February.
Repairs continue after the January Flood Damage. Roads now completed are, McLean Road, Nevis Road, Butson Road, Blackmore Road and Nokomai Road. We have then moved away from the Garston area and headed into the Waikaia area starting up the top of the Old Man Range tidying up where the heavy rain has scoured out the track and made it almost impassable.
The Premix Crew have continued with their 21/22 pre reseal repairs. They have at the end of February completed Waikaia Ward, Five Rivers Ward and are half way through Te Anau Ward. They have now moved into the Central Network for the next couple of months.
The third round of shoulder mowing has been completed and the Noxious in Tuatapere has been completed and will next year fall in line with the other Subcontractor and be completed in Aug/Sept.



ALLIANCE EFFECTIVENESS & EFFICIENCY

Sealed Network Acheivement of Programme - 2021/22 Pre-Reseal Repairs

Activity	21/22 Repairs	Feb-21	YTD	Remaining	% Completed
Depressions (m2)	1,802	473	1,134	668	63%
Edge Breaks (m)	3,719	1,081	1,820	1,899	49%
Dig Outs (m2)	-	-	-	-	0%
Stabilising (m2)	1,324	-	1,324	-	100%
Sites	76	39	68	8	89%
Kilometres	42	8	24	18	57%

Unsealed Network Acheivement of Programme

Activity	Budget	Feb-21	YTD	Remaining	% Completed
Metalling (m3)	19,500	111	12,503	6,997	64%
Grading (KM)	4,629	364	2,893	1,736	63%

Structures - Maintenance - *Joint Alliances*

Activity	Quantity	Feb-21	YTD	Remaining	% Completed
Consultants List	-	-	-	-	0%
Bridge Inspections	833	-	-	833	0%

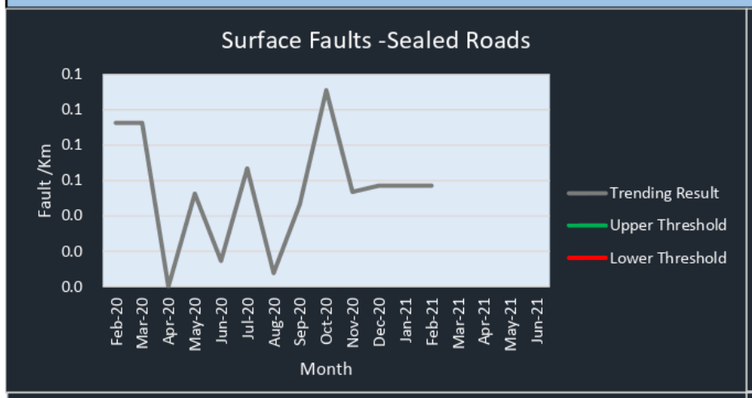
FINANCIAL COMMENTARY

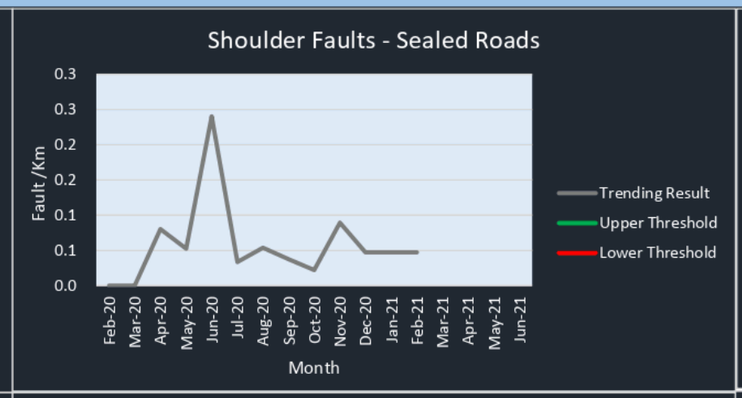
Currently there are no major area's of concern financially within the Alliance.

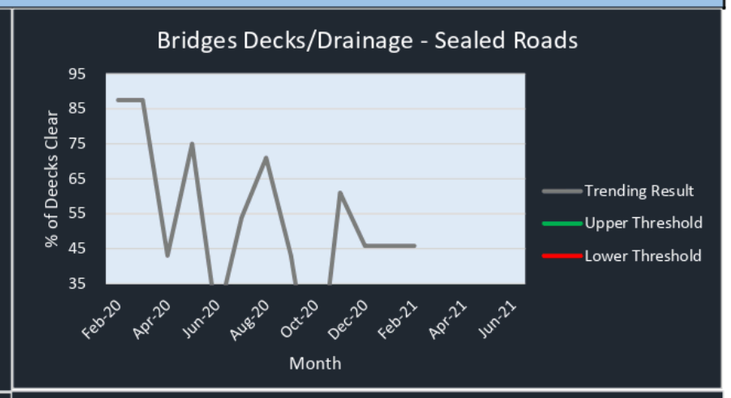
FINANCIAL SUMMARY - Roading

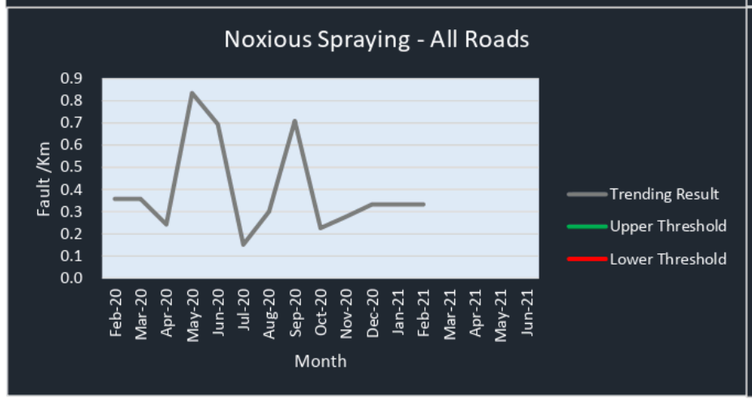
	Annual Amoun	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
Original Total Cost Estimate	$ 3,745,922	$ 810,000	$ 324,910	$ 284,000	$ 280,000	$ 330,000	$ 255,000	$ 185,000	$ 195,000	$ 200,000	$ 205,000	$ 260,000	$ 417,012
Actual Claim		$ 869,647	$ 280,451	$ 384,774	$ 356,690	$ 295,823	$ 267,678	$ 330,944	$ 351,000	$ -	$ -	$ -	$ -
Year to Date Budget	$ 2,880,250	$ 810,000	$ 1,134,910	$ 1,418,910	$ 1,705,259	$ 2,084,240	$ 2,350,591	$ 2,630,213	$ 2,880,250	$ 3,080,250	$ 3,285,250	$ 3,545,250	$ 3,962,262
Actual Claim YTD	$ 3,137,007	$ 869,647	$ 1,150,098	$ 1,534,871	$ 1,891,562	$ 2,187,385	$ 2,455,063	$ 2,786,007	$ 3,137,007	$ 3,137,007	$ 3,137,007	$ 3,137,007	$ 3,137,007
Variance YTD	-$ 256,757	$ 468,834 Additional funds provided											

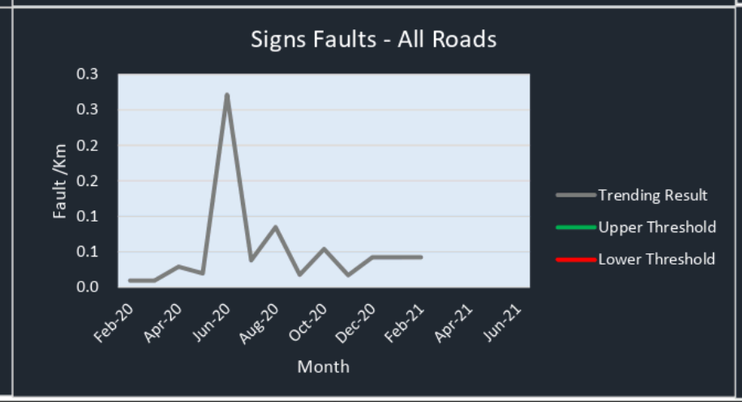
CONDITION PERFORMANCE

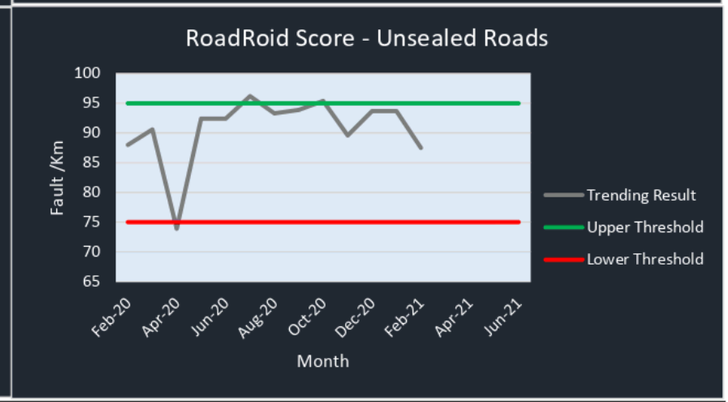










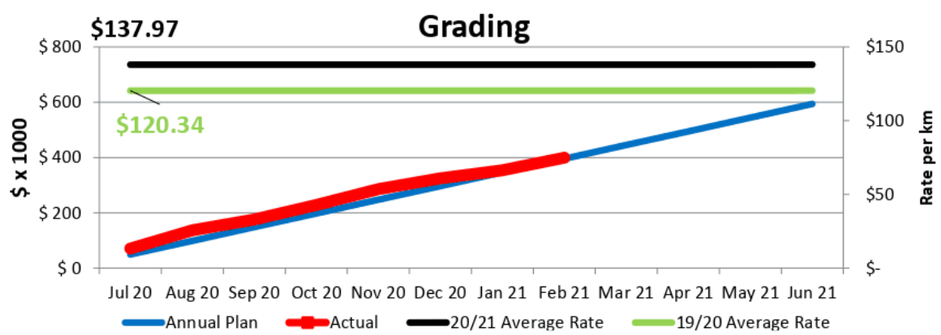


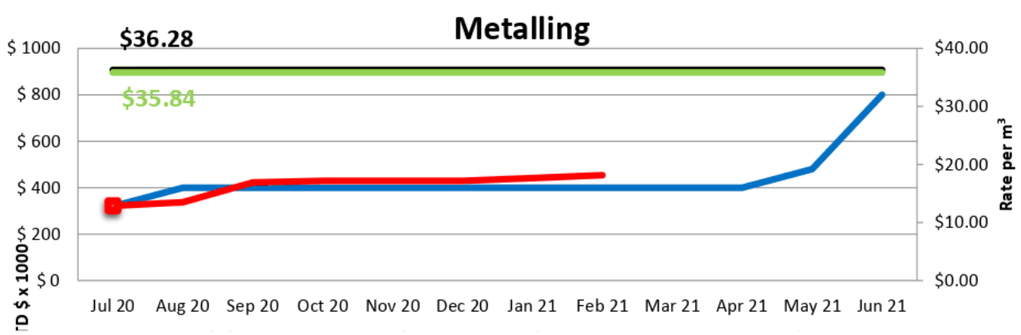
CONDITION PERFORMANCE - COMMENTARY

The above graphs are intended to present the condition trends of the network based off monthly audits. As we collect data we will set the upper and lower threshold for each activity. The road roid score is an example. The February numbers are an average of July - November. The RoadRoid score is Actual, we had an issue with the Audit Tablet.

FACILITES/ATMCT COMMENTARY

Spraying was completed on the Around the Mountains Cycle Trail. Currently there are no major issues outstanding for Facilities.





Central Alliance - Summary Report February 2021

CUSTOMER AND COMMUNITY GOVERNANCE

Requests for Services	Feb-21	YTD
General Requests for Road Service (RFS's)	55	580
Road Service Requests completed on time	53	544
Road Service Requests completed on time %	96%	94%

HEALTH AND SAFETY

	Feb-21	YTD
Lost Time Incident (pass/fail >1)	-	-
Medical Treatment Intervention (pass/fail >1)	-	-
Near Hits Reported (pass/fail <5)	14	72
Site Safety & Traffic Management Audits completed (pass/fail <5)	5	50
Site Safety & Traffic Management non-compliances (pass/fail >1)	-	1

PERFORMANCE SCORECARD

KEY RESULT AREA	WEIGHTING	SCORE
Financial - YTD	10%	10%
Customer and Community Governance	10%	10%
Health & Safety	20%	20%
Alliance Effectiveness & Efficency	40%	38%
Pre-Reseal Repairs (75% 1st Oct, 90% 15th Nov, 100% 1st Dec).	10%	10%
Metalling Acheivement	10%	10%
Grading Acheivement	10%	8%
Rework (pass/fail 1)	10%	10%
Network Condition ** To be confirmed	20%	20%
Overall Score	**100%**	**98%**

IDENTIFIED RISK & STRATEGY UPDATE

Logging, Heavy vehicle traffic on Unsealed Roads

The wet weather coupled with the heavy duty trafficking from logging trucks, milk tankers and other large type agricultural equipment. Will continue to monitor and address issues before they become problems.

Culverts, large number of failures

2020/2021 has seen a large number of culvert failures, while currently we can absorb these costs if additional culverts fail significant pressure would be put on our programme.

Two slow-moving highs brought long periods with fine weather to the southern region during February and the two outbreaks of rain (8th-11th, 24th) were not unwelcome as the region became quite dry during the month, with the month's rainfall only slightly over half the usual. February saw a more settled period with long dry spells, the rainfall for the month was only slightly over half of our usual rainfall. This has resulted in a quieter month on the RFS front with 55 received compared to an average of 73 Year to Date.

February was a somewhat quiet month for the Central Alliance in that both shared crews (OGEM & Stabi) were in Waimea & SNOC respectively. Both of these crews return to Central in March as we make a start on the 2021/2022 pre re-seal repairs.

The digger crew have been busy tidying up Centre Road near Riverton and also completing unsealed digouts on Scotts Gap Feldwick and Makarewa Browns. Scotts Gap Feldwick could prove to be an issue in that the logging crews are giving the road a hard time with the sub-base being largely soft clay. This crew will be moving on to pre re-seal repairs in March in order to give the digouts time to settle prior to there re-seals with flanking work completed while on site.

Bryce Road flood repairs were also completed in January with 2 additional culverts installed as well as rock protection in the water channel.

ALLIANCE EFFECTIVENESS & EFFICIENCY

Sealed Network Acheivement of Programme - 2021/22 Pre-Reseal Repairs

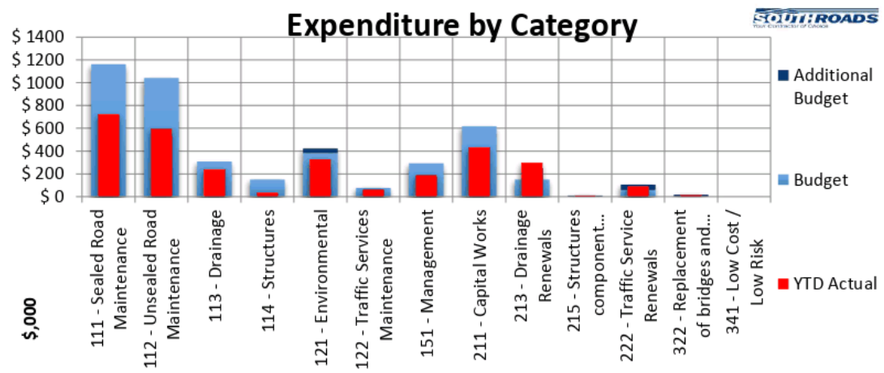
Activity	21/22 Repairs	Feb-21	YTD	Remaining	% Completed
Depressions (m2)	11,392	-	-	11,392	0%
Edge Breaks (m)	6,856	-	-	6,856	0%
Dig Outs (m2)	5	-	-	5	0%
Stabilising (m2)	1,096	-	-	1,096	0%
Sites	80	-	-	80	0%
Kilometres	60	-	-	60	0%

Unsealed Network Acheivement of Programme

Activity	Budget	Feb-21	YTD	Remaining	% Completed
Metalling (m3)	14,160	971	11,171	2,989	79%
Grading (KM)	4,629	327	2,895	1,734	63%

Structures - Maintenance - *Joint Alliances*

Activity	Quantity	Feb-21	YTD	Remaining	% Completed
Consultants List	0	0	0	0	0%
Bridge Inspections	833	0	0	833	0%



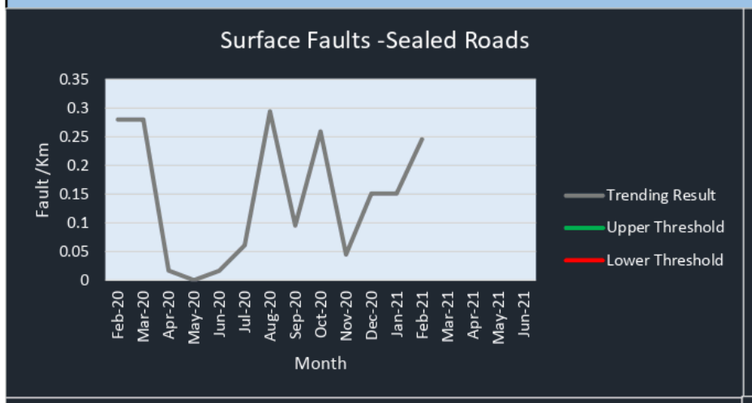
FINANCIAL COMMENTARY

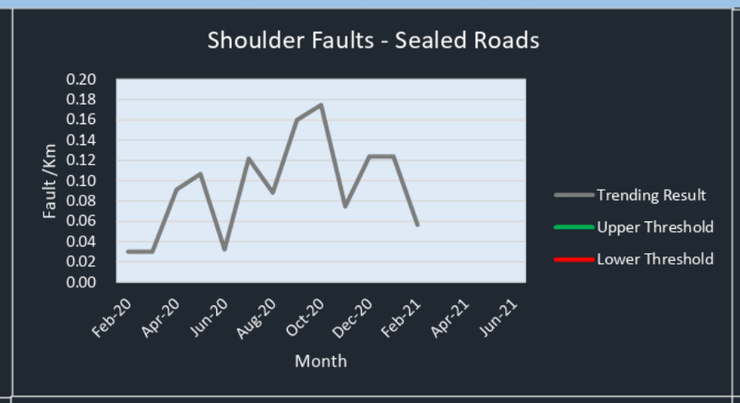
The year has begun and already we have seen some large drainage work being undertaken. A review of finances occured in January with a forecast prepared at this stage we will manage to the existing budget. This will be acheived by re-allocating from various categories.

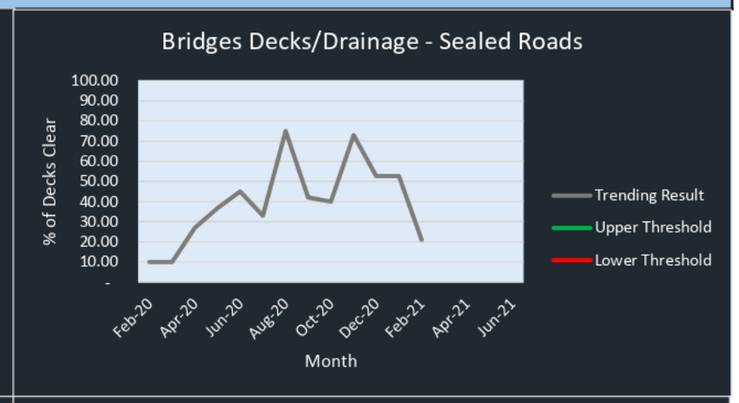
FINANCIAL SUMMARY - Roading

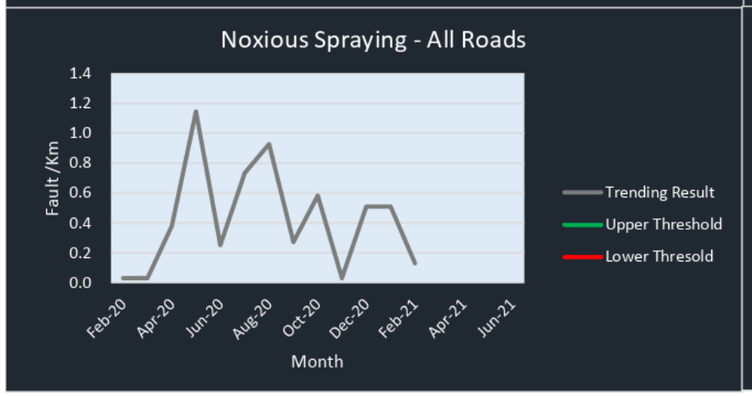
	Annual $	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
Original Total Cost Estimate	$ 4,045,609	$ 521,818	$ 488,323	$ 376,493	$ 275,003	$ 287,503	$ 246,425	$ 246,425	$ 275,003	$ 275,003	$ 246,425	$ 376,493	$ 430,695
Actual Claim		$ 529,267	$ 560,361	$ 377,698	$ 362,092	$ 475,316	$ 247,494	$ 188,316	$ 286,911	$ -	$ -	$ -	$ -
Year to Date Budget	$ 2,826,893	$ 526,899	$ 1,050,892	$ 1,437,379	$ 1,712,657	$ 2,003,172	$ 2,266,023	$ 2,519,088	$ 2,826,893	$ 3,101,896	$ 3,348,321	$ 3,724,814	$ 4,155,509
Actual Claim YTD	$ 3,027,456	$ 529,267	$ 1,089,628	$ 1,467,326	$ 1,829,418	$ 2,304,734	$ 2,552,228	$ 2,740,545	$ 3,027,456	$ 3,027,456	$ 3,027,456	$ 3,027,456	$ 3,027,456
Variance YTD	-$ 200,563	Additional Funds	$ 109,900										

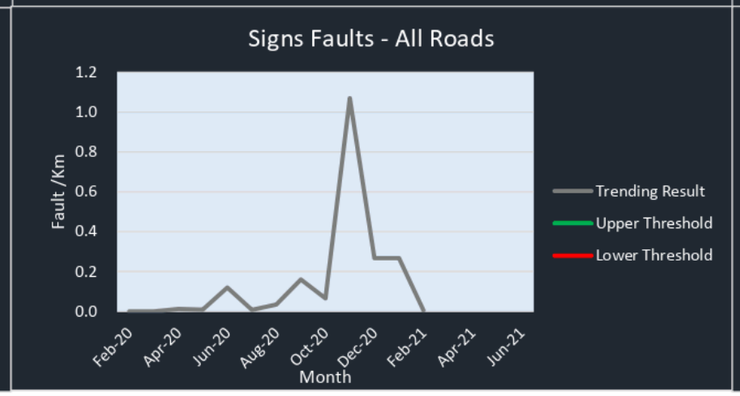
CONDITION PERFORMANCE

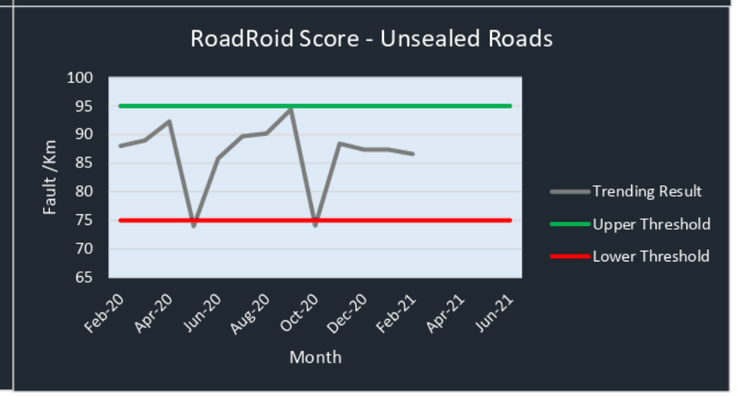










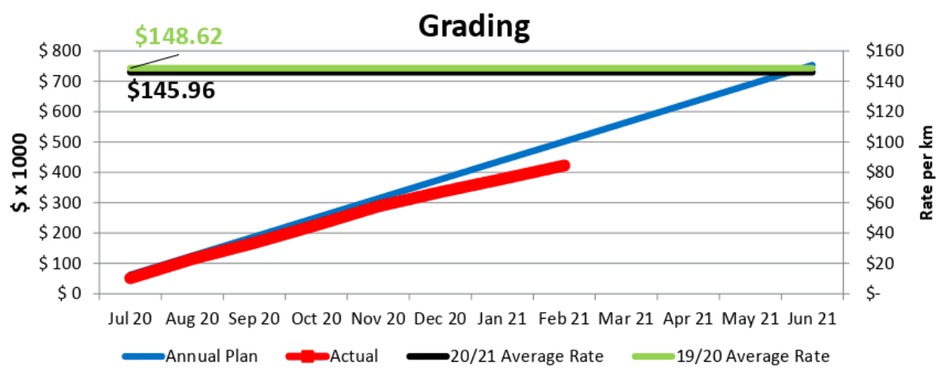


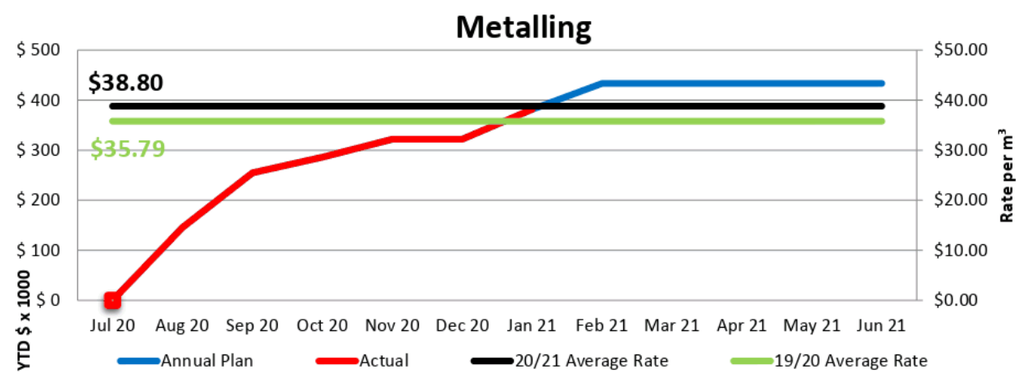
CONDITION PERFORMANCE - COMMENTARY

The above graphs are intended to present the condition trends of the network based off monthly audits. As we collect data we will set the upper and lower threshold for each activity. The road road score is an example.

FACILITES COMMENTARY

Currently there are no major issues outstanding.





SOUTHLAND DISTRICT COUNCIL

Foveaux Alliance - Summary Report February 2021

FOVEAUX ALLIANCE

CUSTOMER AND COMMUNITY GOVERNANCE

Requests for Services	Feb-21	YTD
General Requests for Road Service (RFS's)	31	372
Road Service Requests completed on time	29	357
Road Service Requests completed on time %	94%	96%

HEALTH AND SAFETY

	Feb-21	YTD
Lost Time Incident (pass/fail >1)	-	-
Medical Treatment Intervention (pass/fail >1)	-	-
Near Hits Reported (pass/fail <5)	2	21
Site Safety & Traffic Management Audits completed (pass/fail <5)	2	59
Site Safety & Traffic Management non-compliances (pass/fail >1)	-	1

PERFORMANCE SCORECARD

KEY RESULT AREA	WEIGHTING	SCORE
Financial - YTD	10%	7.5%
Customer and Community Governance	10%	9%
Health & Safety	20%	10%
Alliance Effectiveness & Efficency	40%	36%
Pre-Reseal Repairs (75% 1st Oct, 90% 15th Nov, 100% 1st Dec).	10%	10%
Metalling Acheivement	10%	7%
Grading Acheivement	10%	9%
Rework (pass/fail 1)	10%	10%
Network Condition ** To be confirmed	20%	20%
Overall Score	**100%**	**83%**

IDENTIFIED RISK & STRATEGY UPDATE

Risk 1 - Waikawa Curio Bay Otta Seal Failure

Sealwall rock protection work complete, still continues to be turned back to gravel as failures increase

Risk 2 - Chaslands Highway failure

19km - 26km section is in for reseal this year but has had many repairs before winter and has more failures during winter - will a reseal work?

Risk 3 - Brydone Glencoe slip

AWPT completed but early signs of movment still - this may settle

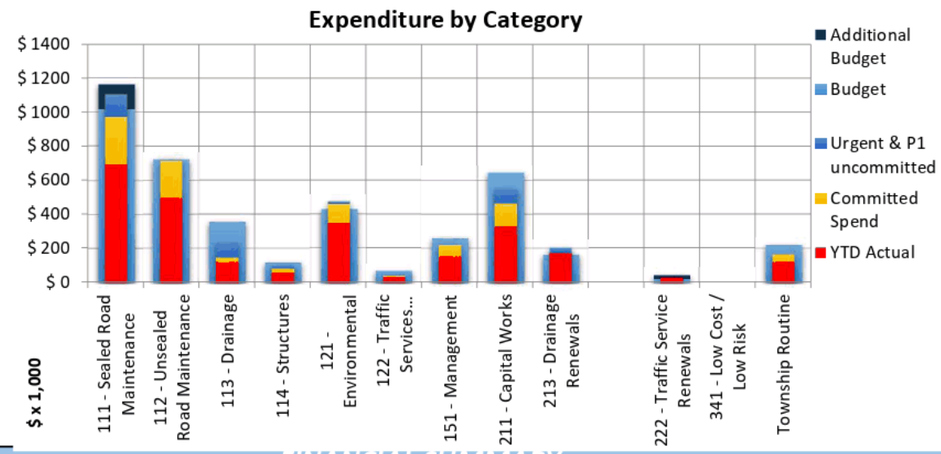
Still a larger no of RFS 's in Feb. Rain towards the end of January would have had an impact on that.

21/22 reseal sites programs has been finalized. Stabi crew working on them now. They are on track to complete the Programme late April, Weather permitting.

We have continued with Noxious spraying throughout Feb and will start verge spraying the sealed section early March. Weather has been a bit better but still not great.

We got 1280m3 of Maintenance metal done in Feb. This is still roughly 1000m3 short of where we wanted to be. We will ramp up the delivery. 90% of our grading programme has been achieved for February.

We have had 2 near misses and 2 Site Safety and TTM audits in February with no "Fails"



ALLIANCE EFFECTIVENESS & EFFICIENCY

Sealed Network Acheivement of Programme - 2020/21 Pre-Reseal Repairs

Activity	20/21 Repairs	Feb-21	YTD	Remaining	% Completed
Depressions (m2)	280	-	330	- 50	118%
Edge Breaks (m)	1,970	-	1,983	- 13	101%
Dig Outs (m2)	-	-	5	- 5	0%
Stabilising (m2)	5,609	818	4,037	1,572	72%
Sites	42	-	42	-	100%
Kilometres	28	-	28	-	100%

Unsealed Network Acheivement of Programme

Activity	Budget	Feb-21	YTD	Remaining	% Completed
Metalling (m3)	17,000	1,280	7,524	9,476	44%
Grading (KM)	4,000	370	2,480	1,520	62%

Structures - Maintenance - *Joint Alliances*

Activity	Quantity	Feb-21	YTD	Remaining	% Completed
Consultants List	32	-	18	14	56%
Bridge Inspections	181	6	100	81	55%

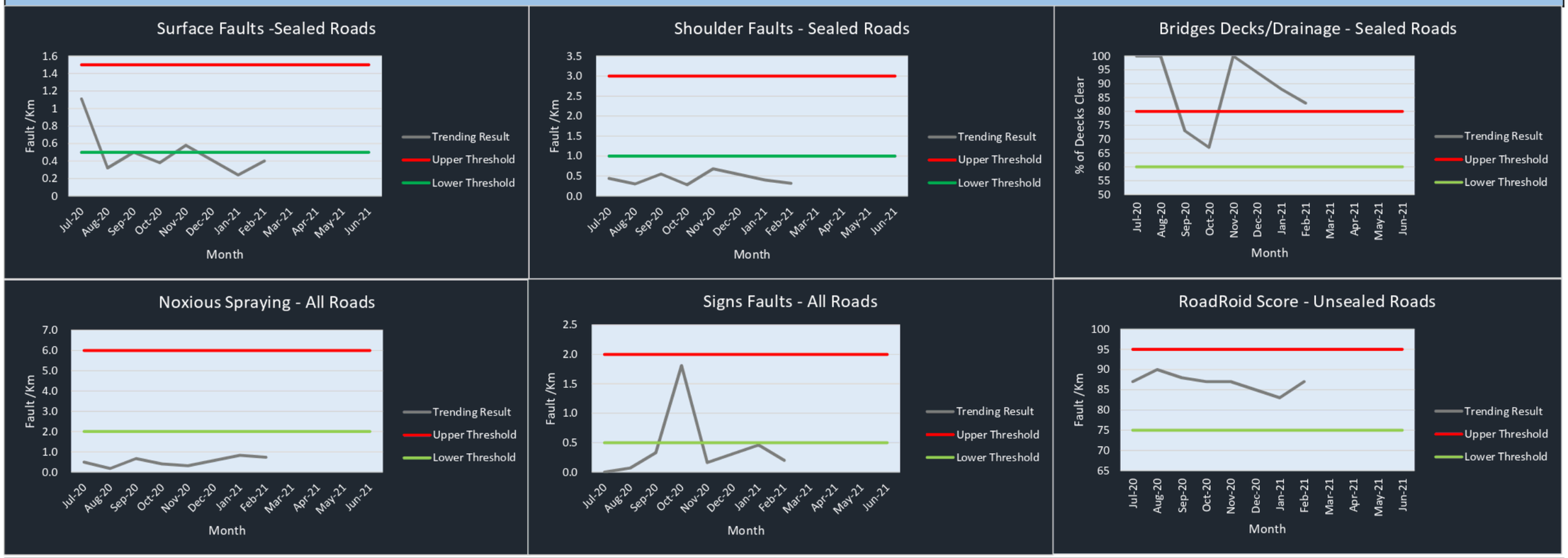
FINANCIAL COMMENTARY

140K below budget YTD.
Metalling programme is now well underway and we have made some good progress in Feb. Metalling costs per unit are up but steady. This will get better with shorter cart distances on the horizon.
Grading cost up a touch from last month.

FINANCIAL SUMMARY

	Annual Amount	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
Original Total Cost Estimate	$ 4,029,232	$ 284,177	$ 293,360	$ 302,710	$ 387,481	$ 282,425	$ 292,049	$ 299,252	$ 390,517	$ 409,438	$ 411,204	$ 348,463	$ 328,157
Actual Claim		$ 423,517	$ 343,080	$ 314,016	$ 323,785	$ 404,694	$ 244,434	$ 221,788	$ 288,113	$ -	$ -	$ -	$ -
Year to Date Budget	$ 2,704,090	$ 344,177	$ 654,441	$ 962,366	$ 1,349,847	$ 1,722,272	$ 2,014,321	$ 2,313,574	$ 2,704,090	$ 3,113,528	$ 3,524,732	$ 3,873,195	$ 4,201,352
Actual Claim YTD	$ 2,563,427	$ 423,517	$ 766,597	$ 1,080,613	$ 1,404,398	$ 1,809,092	$ 2,053,526	$ 2,275,314	$ 2,563,427	$ 2,563,427	$ 2,563,427	$ 2,563,427	$ 2,563,427
Variance YTD	$ 140,663	*Additional funds provided - Seal widening Coal pit road & signs speed review*											

CONDITION PERFORMANCE

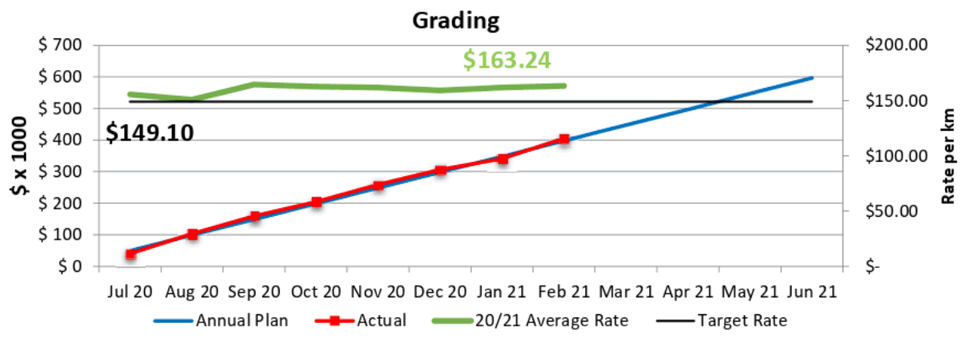


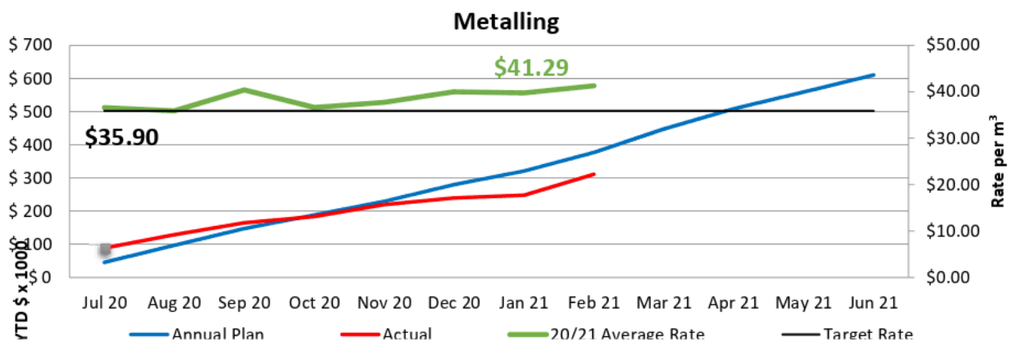
CONDITION PERFORMANCE - COMMENTARY

"Condition survey" completed on 1.03.2021. Result are good. Unsealed road condition very good. Overall network condition at 87% - 2% up from last month.

FACILITES/ATMCT COMMENTARY

Some questions around the vegetation maintenance on SI - Widths, lengths. Council in the process of having clear and concise instruction around this soon and we are anticipating the release of a document.





SDC / ICC MAINTENANCE SAFETY PERFORMANCE AND STATISTICS - 20/21

Lag Indicators

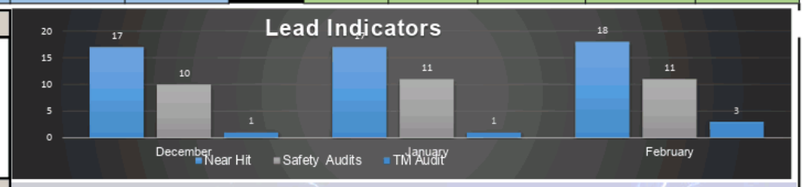
Hours Worked		TRIFR	Discomfort Pain Injury	Medical Treatment Injuries	Lost Time Injuries	MTI Frequency Rate	LTI Frequency Rate	Plant/Property	3rd Party	Total
2019-20	68,267	29	13	1	1	14.6	14.65	41	2	58
2020-21	41,706	24.0	13	1	0	24.0	0.0	35	2	51
2020-21 Hours Worked	Month	TRIFR	Discomfort Pain Injury	Medical Treatment Injuries	Lost Time Injuries	MTI Frequency Rate	LTI Frequency Rate	Plant/Property	3rd Party/ Subcontractor	TOTAL
6,661	July	0.0	2	0	0	0.0	0.0	10	1	13
6,229	August	0.0	1	0	0	0.0	0.0	3	0	4
6,159	September	0.0	1	0	0	0.0	0.0	5	0	6
6,158	October	164.4	1	1	0	164.4	0.0	6	1	9
6,557	November	0.0	2	0	0	0.0	0.0	5	0	7
5,152	December	0.0	3	0	0	0.0	0.0	2	0	5
4,791	January	0.0	1	0	0	0.0	0.0	2	0	3
	February	0.0	2	0	0	0.0	0.0	2	0	4

Lead Indicators

	Near Hit	Safety Audits	TM Audit	Toolbox	Total
	116	108	14	Weekly	238
YTD	119	88	18	Weekly	225
Month	Near Hit	Safety Audits	TM Audit	Toolbox/Weekly Meetings	TOTAL
July	13	12	2	Weekly	27
August	12	12	2	Weekly	26
September	15	15	4	Weekly	34
October	9	6	1	Weekly	16
November	18	11	4	Weekly	33
December	17	10	1	Weekly	28
January	17	11	1	Weekly	29
February	18	11	3	Weekly	32

COMMENTARY

February saw the Bi-Monthly Toolbox meeting held at the Winton firestation on Friday the 26th February which covered off our safety performance for the year to date, five safety alerts as well as five incident reports. Cell phone usage and an update to the Excavator SOP werealso presented. Other items presented were the Re-torquing wheel nuts and back injuries, for Southroads this represented 30% of reported injuries last year. It was great to have Moira Tinnock attend from Council.
Following an article in the Southland Times regarding road safety in work sites it has been extremely disappointing to see nochange in behaviour from the public as we are still seeing a large number of near hits reported by staff.



INCIDENT REGISTER

Incident	Description	Event Type	Reporting Line	Investigation Status	
1/02/2021	Took skin off arm on a branch.	Incident	Waimea	Closed	
2/02/2021	Caught allergies on private property while grading.	Incident	Waimea	Closed	
3/02/2021	Milk Tanker almost turned into Ute.	Near Hit	Central	Closed	
4/02/2021	Operator nearly ran over a dog.	Near Hit	Central	Closed	
5/02/2021	Car with no lights on in the morning light.	Near Hit	Central	Closed	
5/02/2021	Operator walking through site, car had to avoid.	Near Hit	Central	Closed	
9/02/2021	Digger bumbed into rear of truck.	Incident	Central	Closed	
11/02/2021	Twos cars close to a head on crash.	Near Hit	Central	Closed	
12/02/2021	Vehicle following the chipping truck (in wrong lane)on SH6 Rehab.	Near Hit	Central	Closed	
12/02/2021	Car passing on a blind corner.	Near Hit	Central	Closed	
12/02/2021	Motorbike overtook when approching a single lane bridge.	Near Hit	Waimea	Closed	
12/02/2021	Traffic incident in front.	Near Hit	Waimea	Closed	
15/02/2021	Passed by three motorbike in the Winton rehab site on SH6.	Near Hit	Central	Closed	
16/02/2021	Farmer pulled onto road realised the truck was not turning, braked heavily.	Near Hit	Central	Closed	
16/02/2021	Titaroa Transport truck following closely behind Suction Truck.	Near Hit	Waimea	Closed	
16/02/2021	Truck travelling half in incorrect lane.	Near Hit	Central	Closed	
17/02/2021	Truck operator came across 150 escaped lambs.	Near Hit	Central	Closed	
18/02/2021	Overtaken by a van in a 30km per hr zone.	Near Hit	Central	Closed	
18/02/2021	Car passed tractor on a double yellow line.	Near Hit	Central	Closed	
18/02/2021	Southern Transport Truck passed on double yellow lines with oncoming traffic.	Near Hit	Central	Closed	
18/02/2021	Car travelling towards the grader stopped directly in front.	Near Hit	Waimea	Closed	
19/02/2021	Chainsaw Oil (Fuel Mix) has been taken from the Riverton yard	Incident	Central	Closed	

H&S General Business *from Management*

YOU HAVE THE POWER

We would like to remind everyone that, you have the power to say something if things don't

- feel right,
- look right

Everyone must step up and act straight away if there is an issue don't wait until its to late.

If you are the person to fix it, stop work until it can be fixed.

Recently at SouthRoads we have had 2 incidents that could have been prevented if someone said something when a risk was identified and another one when the risk wasn't acted upon.

Definitions Lag Indicators:

Personal Injury - *physical injury inflicted to a person's body.*
Medical Treatment Injury - *is defined as an injury or disease that resulted in a certain level of treatment given by a physician or other medical personnel under standing orders of a physician.*
Lost Time Injury - *lost time accident is an accident occurring at work that results in at least one full day away from work duties. This does not count the day on which the injury occurred or the day on which the employee returns to the job.*
Plant/Property - *Incident involving plant or property.*
3rd Party - *Incident involving a 3rd party outside of SR.*
IOF - *For recording any other items such as missing hazard control, an issue that cause undesirable consequences, or procedure that needs improving.*

Definitions Lead Indicators:
Near Hit - *for any unplanned event where there was no consequences, but under slightly different circumstances, there would of been injury of damage.*

Full Audit *- Full safety audit as per the SR safety audit form.*

Traffic Management Audit - *Audit as per COPTTM forms.*

Safety Tour - *Abbreviated safety audit as per safety tour form.*

Toolbox Meetings - *is a formal group discussion that focuses on safety.*

SOUTHLAND DISTRICT COUNCIL

Foveaux Safety and Training Report 20/21

FOVEAUX ALLIANCE

Safety Statistics

	YTD	July 2020	Aug 2020	Sept 2020	Oct 2020	Nov 2020	Dec 2020	Jan 2021	Feb 2021	March 2021	April 2021	May 2121	June 2021
Hours Worked - FH Southland	97,428.60	10,337.10	13,250.35	13,210.75	16,038.94	12.322.75	10,858.25	9,822.96	11,587.50				
Hours Worked - Foveaux	16,125.00	2,004	1,911.25	2,047.25	2,221.70	2,204.00	1,981.75	1,536.35	2,219.00				
TRIFR – Regional (Total Recordable Injury Frequency Rate)	3.4	6.0	6.0	5.3	5.2	3.5	3.3	3.3	3.4				
LTI (Lost time Injury) Regional	0	0	0	0	0	0	0	0	0				
MTC(Medical Treatment Case) Regional	0	0	0	0	0	0	0	0	0				
MTC(Medical Treatment Case) Foveaux	0	0	0	0	0	0	0	0	0				
FAC First Aid Case) Regional	1	0	0	0	0	0	1	0	0				
FAC (First Aid Case) Foveaux	0	0	0	0	0	0	0	0	0				
NEAR MISS – Regional	33	9	2	7	0	3	4	6	2				
SITE AUDIT VISITS (Pass/Fail)	0	1	0	1	1	0	0	0	0				
Worksafe Site Visits - Regional	0	0	0	0	0	0	0	0	0				
Leadership Safety Actions Completed	61	6	11	8	8	9	8	3	8				

OFI / Near Miss for Foveaux

Type	Date	Detailed description
Impact/Damage	4/2/2021	While parking transport trailer in tight spot pulled truck forward and made contact with a part of the bank on passenger side of truck that couldn't be seen from cab resulting in dent to lower front bumper.
Inspection	10/02/2021	Inspection of FH Yard on Stewart Island - Yard and shed becoming very cluttered with junk. Instructed foreman to tidy up by the 18th of February
Impact/Damage	24/02/2021	Driving along George road Invercargill HWY truck was coming in other direction, stone must have come off the tyre and hit my windscreen causing large stone chip and cracking.
Feedback/Internal	25/02/2021	This morning I hired 2 sets of the new E-lights from our own Hire Pool department. If I hire equipment from any outside company, the equipment I hire comes ready to go! Full of fuel, batteries fully charged and all the tools/accessories there. Over the last couple of times I've hired equipment through our hire pool, I've had to hunt for charged batteries, ask for cable's and even the instructions sheet just in case we have a fault. Even had to repair broken/damaged equipment before I could use it. (Locking pins for e-light stands) on site. This all costs me time on the job, and frustration with our own systems. Within reason, I expect to hire needed equipment for a job ready to go

Safety and Quality Team Commentary

As of the 1st March 2021, Fulton Hogan will have added a new Environmental and Quality Manager.to our SQTE Team. This is a dual role and we have been very fortunate in employing Ciconne Tweedy who has a Postgraduate Diploma / Conservation Biology and a Bachelor of Science/Zoology. We are excited about Ciccone's addition to our team, which will be a benefit to all. Training has started in earnest.

Our TRIF rate continues to drop which is pleasing but we need to ensure that we remain vigilant at all times as it only takes a small incident/accident to alter this. At the endo the day this is just a measurement of H&S performance, the most important thing is keeping our people, sub-contractors, the public, road users and our clients safe and healthy.

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Training Statistics

	YTD	July-20	Aug-20	Sept-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	June-21
Hours in Training - FH Southland	258	258	67	136	94	72	8	0	60				
Hours in Training - Foveaux	52	36	8	8	8	0	0	0	4				

Training Courses Completed in January	Training Completed 2020/2021	
Foremen Leaders Living Safely	First Aid New & Refresher Courses Locating and Protecting Underground Services Forklift OSH Refresher Asbestos Awareness Envirowise Growsafe & STMS	Living Safely Stay Safe Rural Fire Training First Aid Training Fire Warden Training Concrete Saw Efficient Compaction

Fulton Hogan Living Safely
People at the heart of everything

Services and Assets Programme Report

Record No: R/21/2/7152
Author: Nick Hamlin, Project Delivery Manager/Acting GM Services and Assets
Approved by: Matt Russell, Group Manager Services and Assets

☐ Decision ☐ Recommendation ☒ Information

Summary

1 The CAMMS project system tracks all Services and Assets projects. This report seeks to update the status of these projects to the committee.

2 Please see the attached report for your information.

Recommendation

That the Services and Assets Committee:

a) Receives the report titled "Services and Assets Programme Report" dated 16 March 2021.

Attachments

A Services and Assets Programme Report 1 March 2021 ⇩

SOUTHLAND DISTRICT COUNCIL

Services and Assets programme report

Reporting period from 21 January to 1 March 2021

Prepared by: Trudy Saunders and Nick Hamlin

Southland District Council
Te Rohe Pōtae o Murihiku

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Invercargill 9840

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SOUTHLAND DISTRICT COUNCIL

Executive summary

Overall, again a very busy few weeks since the last reporting period. This year is on track to be one of Council's biggest delivery years to date, however there still is some risk around the full works programme due to market resources and supply delays that may affect the final programme.

Works to the Forth Street remodel is now well underway with works completed on the second floor and parts of the first floor. Stage One will be fully complete by the end of April.

The Winton library refurbishment and strengthening project is now onto the consenting and tendering phase but initial registration of interest has shown the construction market is very busy

The three waters stimulus programme is progressing very well. Contract documents are being prepared for the first six separate reticulation panel projects and are being reviewed throughout the process by the project control team that has been set up specifically for this project. Construction has begun in Otautau on the first panel project.

As part of the three waters reform project the tender to appoint a panel for condition assessments with Southland District Council, Gore District Council and Invercargill City Council has now been published and closes on Friday 19 March.

Staff are currently reviewing the 2021/2022 works programme and a draft delivery plan will be presented in a workshop with Councillors.

Activity overview

1. **Completed projects in the last reporting period include:**
   - replace backwash pump and other equipment at Te Anau rural
   - extend carpark at Ivon Wilson Park, Te Anau
   - construct new footpath walkways in Te Anau
   - Colac Bay hall reroof
   - ION integration - 3 waters
   - Wallacetown wastewater pump renewal
   - flow meter replacement - Kakapo, Princhester and Homestead.
2. **Projects due to start construction within the next two months:**
   - Lakefront Drive water main replacement, Te Anau
   - district wide footpath replacements
   - Mossburn water bores
   - three waters stimulus projects.

Actions from last report

Key questions/ actions raised at last month's Services and Assets Committee:

- a carpet solution is being investigated for the Winton library project and it looks favourable cost wise to use a wool carpet
- the final contract response in regards to the remaining Covid-19 claim is due to go to the remaining contractors affected by Covid-19, Southland District Council have sought very good legal counsel on the matter
- Southland District Council continue to work with Environment Southland on the longer term solutions for the wash outs on the cycle trail, this piece of work will take some time to resolve.

See back of this report for project progress photos

Current works programme spend and estimated forecast final

The following table captures programme data from CAMMS and reconciles it with the finance project sheets to provide an overview of works programme vs actual spent to date and estimates the year end forecast with major changes during the programme year.

2020/21 financial information

Activity	Commercial Infrastructure	Community Facilities	Transport and Roading	Water and Waste services	Totals
Total capital works programme (CAMMS)	630,309	2,022,449	7,242,890	20,913,601	30,809,249
2020-21 Annual Plan budget	140,890	3,153,375	6,809,810	18,125,115	28,229,190
2019-20 carry forward movement	620,607	495,951	442,735	3,921,345	5,480,638
2020-21 approved unbudgeted expenditure	-	704,084	41,800	3,259,920	4,005,804
2020-21 total Annual Plan budget including carry forwards and unbudgeted expenditure approved to date	***761,497***	***4,353,410***	***7,294,345***	***25,306,380***	***37,715,632***
Roading Capital Maintenance			***12,449,920***		
Total Forecast movements to date	-	-	-	-	-
Current approved budget to date	***761,497***	***4,353,410***	***19,744,265***	***25,306,380***	***50,165,552***
Actual costs to 31 December 2020	43,815	1,838,608	12,290,981	9,412,631	23,586,035
Estimated Year end forecast	*350,000*	*3,300,000*	*19,649,920*	*20,000,000*	*43,299,920*
Estimated cost to complete	306,185	1,461,392	7,358,939	10,587,369	19,713,885

THREE WATERS STIMULUS FUNDING	Budget	Committed to date	Costs Todate	Balance to be committed	Totals
20-21 - 3 Waters Stimulus Funding	4,443,625	2,430,000	-	2,013,625	2,013,625
20-21 Contribution to Te Anau Waste Water Project	2,000,000	2,000,000	-	2,000,000	
20-21 Contribution to ES Flood Protection	80,000	80,000	-	80,000	
20-21 Contribution to 3 regional collaboration	560,000	560,000	-	560,000	
21-22 - 3 Waters Stimulus Funding	6,446,375	-	-	6,446,375	
Total Stimulus funding	13,530,000	5,070,000	-	13,530,000	
OTHER CAPITAL ACTIVITES	IT	Roading Capital Manintence	3 Waters Capital Maintenance	Other	Totals
Budget	3,714,326	12,449,920	inc above	501,764	16,666,010
		Totals across all Activities			$55,173,939

Clarifications

- final forecast figures are currently being reviewed as part of the quarterly review between finance and activity management teams and will be fully updated for the next report
- estimated year end forecast is the value estimated left to spend in the current operational year and subject to change
- currently approx. $5m in potential carry forward risk.

Services and Assets activities

The activities captured in this report relate to the following and works outside of this are reported by other Council activities.

Commercial infrastructure includes:

Airport and SIESA.

Community facilities includes:

Cemeteries, community centres, community housing, Council facilities, offices and buildings, parks and reserves, public toilets and water structures.

Waste and water activities includes:

Stormwater, wastewater, drinking water, resource consents and renewals.

Transport and roading includes:

Community footpaths, bridges, road rehabilitations, kerb and channel replacements and walking tracks.

Capital works programme critical risk graph

SDC Works programme Key Risks		
Likelihood / Impact (Likelihood x Impact = Risk Score)		
Red	(15-25)	Extreme
Orange	(8-12)	High
Yellow	(4-6)	Moderate
Green	(1-3)	Low

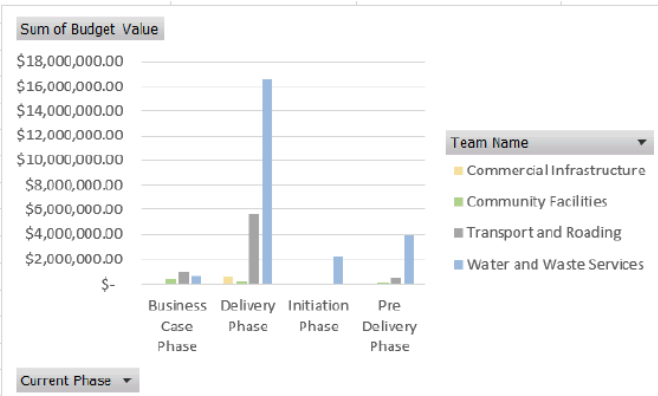
Likelihood	Consequence: Negligible 1	Minor 2	Moderate 3	Major 4	Catastrophic 5
5 Almost certain	Moderate 5	High 10	Extreme 15	Extreme 20	Extreme 25
4 Likely	Moderate 4	High 8	High 12	Extreme 16	Extreme 20
3 Possible	Low 3	Moderate 6	High 9	High 12	Extreme 15
2 Unlikely	Low 2	Moderate 4	Moderate 6	High 8	High 10
1 Rare	Low 1	Low 2	Low 3	Moderate 4	Moderate 5

Ref No.	Works Programme Risks	RISK FACTORS Post mitigation: Likelihood	Impact	Risk Score	Mitigation Actions
1	Covid 19 contract claims	3	2	6	one Covid 19 claim is still outstanding to be resolved that wasn't picked up in the alst report, currently legal advise is being sort to ensure SDC position is inline with contract requirements
2	Covid 19 Supply issues	4	3	12	Early engagement with our suppliers is currently being undertaken to understand this full extent - SDC will then work with suppliers to look at alternative supply options on a case by case basis
3	Works Programme for 20-21 not meeting targets	3	3	9	Projects are regularly being reviewed against programme and were possible if projects are delayed other projects are advanced, Panel has been put in lace for 3 waters delivery and smaller projects are being packaged up to assit in delivery
4	Health and Safety	2	3	6	All projects have have updated Health and safety plans - all contractors and suppliers have been compliant with the regulations and checks are being undertaken
5	Budgets and cost control	2	3	6	Currently all projects within the works programme are tracking within the approved budgets, projects are reviewed monthly against budgets and PDT is actively engaged with the Activity Managers on assisting with scoping and budget preparations with up coming works
6	Resources	3	3	9	Trade resouces are starting to reach capacity across the entire district especially with the introduction of the 3 waters Stimulus funding reaching market but SDC staff are monitoring the key suppliers and using as many local trades and companies as possible along with early engagement with contractors

Budgets for 2020/2021 by activity and phase

Row Labels	Commercial Infrastructure	Community Facilities	Transport and Roading	Water and Waste Services	Grand Total
Business Case Phase		$ 454,144.00	$ 1,054,922.00	$ 652,224.00	$ 2,161,290.00
Delivery Phase	$ 610,458.00	$ 238,742.00	$ 5,660,868.00	$ 16,601,822.00	$ 23,111,890.00
Initiation Phase	$ 80,000.00	$ 35,222.00		$ 2,301,892.00	$ 2,417,114.00
Pre Delivery Phase		$ 146,571.00	$ 492,000.00	$ 3,946,333.00	$ 4,584,904.00
Grand Total	**$ 690,458.00**	**$ 874,679.00**	**$ 7,207,790.00**	**$ 23,502,271.00**	**$ 32,275,198.00**

Please note that since the last reporting period a data cleanse has been occurring to ensure the 2021-22 budgets are accurate. This has meant that budget movements have occurred from this financial year to the next.



Major projects across 2020/21 financial year

Water and waste

Code	Project Name	Activity Name	Budget Value
P-10155	Te Anau waste water treatment plant (SF)	Waste water	$12,980,330
P-10517	Multi scheme water- early replacement of asbestos cement mains – multi-year project (SF)	Water supply	$ 1,965,000
P-10743	Lakefront Drive watermain upgrade - Te Anau	Water supply	$1,600,000
Various	Three waters stimulus project		$13,530,000

Roading

Code	Project Name	Activity Name	Budget Value
P-10329	Southern bridge replacement programme - Southern (contingency and day works only)	Roads and footpaths	$1,300,000
P-10417	20/30 - Central area road pavement rehab 2020/2021	Roads and footpaths	$1,200,000

Code	Project Name	Activity Name	Budget Value
P-10418	Footpath programme 2020/2021	Roads and footpaths	$1,000,000

Activity by status – 2020/21

Community Facilities

Row Labels	Monitor	Off Track	On Track	Grand Total
Cemeteries			$ 15,744.00	$ 15,744.00
Community Facilities	$ 15,070.00	$ 124,211.00	$ 322,635.00	$ 461,916.00
Community Housing		$ 27,157.00		$ 27,157.00
Parks and Reserves	$ 46,142.00	$ 144,834.00	$ 10,445.00	$ 201,421.00
Public Toilets	$ 55,000.00	$ 113,441.00		$ 168,441.00
Grand Total	**$ 116,212.00**	**$ 409,643.00**	**$ 348,824.00**	**$ 874,679.00**

- staff are experiencing issues with the supply of material which is impacting their ability to progress projects in the community facilities activity, these projects are expected to start in April
- the community housing project is subject to the delivery of materials. The contractor has been engaged however is not able to start until the materials are delivered to the site
- staff are progressing the playground equipment replacement projects. These are not a like for like replacement as we have an opportunity to redesign the playgrounds so that a better play experience can be achieved. The Bath Road, Riverton, walking track project has started and is expected to be completed prior to the end of the financial year
- final costs are yet to be received for the Monkey Island toilet project however the work has now been completed
- contractor availability is holding up the Thornbury playground toilet project.

Water and waste

Row Labels	Monitor	Off Track	On Track	Grand Total
Solid Waste		$ 129,116.00		$ 129,116.00
Storm Water		$ 682,456.00		$ 682,456.00
Waste Water	$ 603,886.00	$ 613,830.00	$ 13,131,026.00	$ 14,348,742.00
Water Supply	$ 2,186,465.00	$ 2,214,655.00	$ 3,940,837.00	$ 8,341,957.00
Grand Total	**$ 2,790,351.00**	**$ 3,640,057.00**	**$ 17,071,863.00**	**$ 23,502,271.00**

Work on the Te Anau wastewater upgrade is progressing and on schedule on a number of fronts. Construction began in October on the membrane plant and the SDI field at Kepler. In addition, a consent application for the continued discharge to the Upukerora River has been accepted by Environment Southland with will proceed on a non-notified basis following receipt of the final affected party approval on 26 February. Environment Southland have requested a five day extension of time to complete the recommending report and draft consent conditions. This has been agreed and accepted by Council.

Lakefront Drive watermain upgrade is in the process of having pre-start documentation finalised to enable construction to commence. This project is likely to track under the intended 30-week programme window but will likely extend into the next financial year by a month or so.

The stimulus programme is progressing and developing quickly. The reticulation panel have returned a number of prices which have been approved by the quantity surveyor and subsequently accepted by Council. Contract documents are being prepared for six separate projects and are reviewed throughout the process by the project control team. Work has progressed with advertising to appoint a panel for condition assessments with Southland District Council, Gore District Council and Invercargill City Council. A request for proposal document is currently under review prior to being advertised publicly for submissions.

Roading

Row Labels	Monitor	Off Track	On Track	Grand Total
Roads and Footpaths	$ 1,650,000.00	$ 1,189,482.00	$ 4,368,308.00	$ 7,207,790.00
Grand Total	**$ 1,650,000.00**	**$ 1,189,482.00**	**$ 4,368,308.00**	**$ 7,207,790.00**

Projects in progress

- southern bridges (9) replacement package – all nine bridges are at practical completion and require sealing to be completed in the 2020/2021 sealing season. We have added a tenth site, Horton Road in Tussock Creek. This is programmed for construction during March 2021
- northern bridges (10) replacement package - six bridges are at practical completion, one under construction and three to complete by June
- Fortrose Otara seal widening - this project is practically complete with only accessway culverts to complete
- Balfour Ardlussa Road rehabilitation – is practically complete
- Otapiri Gorge Road rehabilitation – is practically complete
- central area rehabilitations has been awarded to The Roading Company, drainage work is completed at all three sites with Otautau Nightcaps pavement under construction

Design phase

- investigation and option analysis for Waghorn bridge has been completed. Options were presented to the Whakamana te Waituna Trust on Thursday, 12 November and the staff recommendation to upgrade the existing structure was well received. Next step is to confirm and then finalise design standards with input from the trust. This is still current
- Monowai suspension bridge - maintenance items programmed to start late March and the full deck replacement and painting to be carried out early in the next long term plan.

Commercial infrastructure

Row Labels	Off Track	On Track	Grand Total
Around the Mountains Cycle Trail	$ 583,544.00		$ 583,544.00
Electricity Supply	$ 80,000.00	$ 26,914.00	$ 106,914.00
Grand Total	**$ 663,544.00**	**$ 26,914.00**	**$ 690,458.00**

- Around the Mountain Cycle Trail February flood works, including a culvert replacement, are practically complete and are in defects liability period
- three main sites were evaluated in relation to establishing wind power on Stewart Island. Agreements for access were unable to be reached with landowners. Various reasons for declining access were cited, including proximity to aircraft flight paths, nature conservation and access terms that conflicted with landowner intentions for future land use
- as per the current SIESA asset management strategy, a replacement 500kVA diesel generator set has been ordered, to be installed in the unit 2 position.

Projects by location 2020/21

Row Labels	Count	Sum of 2020/21
Ardlussa	2	$ 1,035,000.00
District	9	$ 2,986,683.00
Fiordland	10	$ 17,202,638.00
Northern	4	$ 765,584.00
Oraka Aparima	10	$ 880,168.00
Oreti	8	$ 2,441,056.00
Southland	2	$ 2,165,000.00
Stewart Island/Rakiura	12	$ 550,371.00
Tuatapere Te Waewae	6	$ 2,308,142.00
Waihopai Toetoe	8	$ 1,571,359.00
Wallace Takitimu	5	$ 369,197.00
Grand Total	**76**	**$ 32,275,198.00**

Progress Photos

Te Anau wastewater treatment plant – building construction at Kepler Site

Operations building at the treatment ponds

Three waters stimulus funded projects

Riverton pumped sewer line

Community facilities

Limehills Community Centre kitchen upgrade

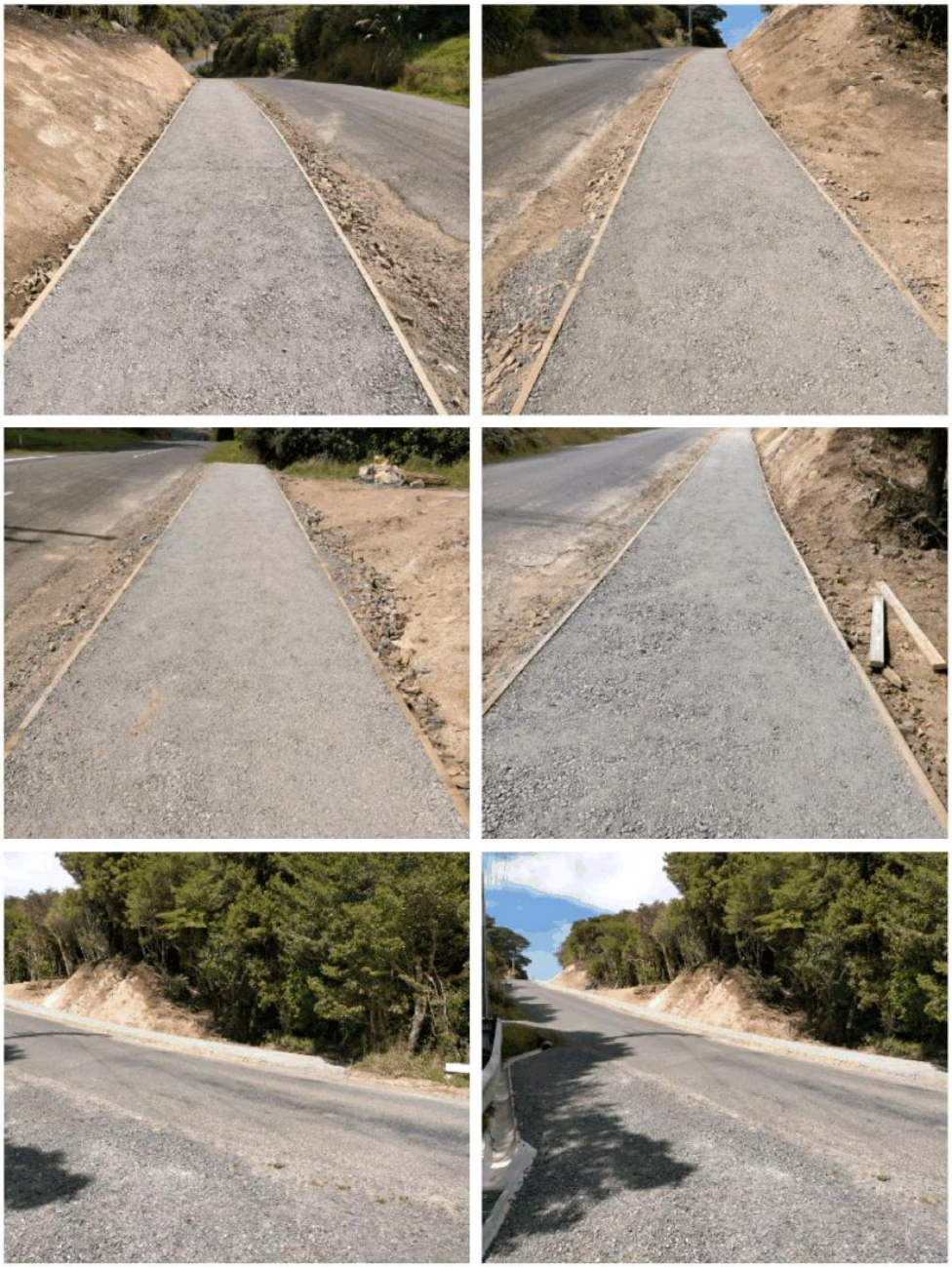
Colac Bay hall – new roof

Forth Street head office refurbishment

Before and after of the removal of air-conditioning units at Forth Street.

Demolition and preparing for refurbishment for Level 1 office

Roading and footpaths



Horseshoe Bay Road Walking Track, Stewart Island

Piles driven at Lilburn Monowai Road Bridge

Te Anau Wastewater Scheme Update to Committee

Record No: R/21/2/7158
Author: Geoff Gray, Senior Projects Manager
Approved by: Matt Russell, Group Manager Services and Assets

☐ Decision ☐ Recommendation ☒ Information

Purpose

1 To update the Services and Assets Committee on progress of the Te Anau Wastewater scheme project.

Executive summary

2 This reporting period covers activities on the Te Anau Wastewater project from 21 January to 5 March 2021.

Recommendation

That the Services and Assets Committee:

a) receives the report titled "Te Anau Wastewater Scheme Update to Committee" dated 16 March 2021.

Attachments

A Te Anau Wastewater scheme - Report to Services and Assets Committee 7 March 2021. ⇩

Te Anau Wastewater Scheme
Report to Services and Assets Committee

Progress Report

7 March 2021

Te Anau treatment facility membrane filtration building – 1 March 2021

Kepler Site building - 4 March 2021

Executive summary

Overview

This reporting period covers activities on the Te Anau Wastewater project from 21 January to 5 March 2021.

With the construction phase progressing well, the focus now extends to the commissioning and integration portion of the project. Excluding the construction phase, the control system will form the heartbeat of completed project that needs to encompass resource consent restraints, membrane plant operations, pipeline hydraulics and finally the SDI considerations.

This reporting period has seen two significant breaches in working at heights by sub-contractors of the two main head contractors, one on the Te Anau site and one on the Manapouri site. The Te Anau Membrane plant site was reported to Council staff by the head contractor, workers were directly standing on roof rafters with no fall protection. It was estimated workers were on the roof for 5 – 10 minutes before being asked to stop work by the Head Contractor's employee.

The second incident was identified by Councils Project Manager during a routine contract meeting and site inspection. The workers were installing roof rafters off a ladder and had been for two days, no attempt was made to comply with the risk control plan or Head Contractors policy and procedures. The breach was not identified by the onsite Head contractor's Project Manager and the investigation conducted by the Head Contractor identified multiple breaches, including the failure to have a sub-contractor agreement in place.

Pasture Management

The 3rd cut and carry operation was completed in late February 2021 and yielded 778 bales.

One further cut this season will be completed in conjunction with the dripper line installation. Yields for the final cut will be disrupted as timing will not be optimised for grass growth, but more focused around ground conditions for the dripper line installation in April 2021.

Te Anau Waste Water Liaison Group

The Te Anau Waste Water Liaison group was due to meet on 19 February 2021, but this is being rescheduled due to changes in Covid Alert Levels.

Programme

Both constructions sites are progressing well to their projected programme, with no work area delayed by more than five days. It is worth noting that inclement weather may cause subsequent delays going forward.

All other aspects of the project are currently tracking well against programme.

Kepler SDI

It has been confirmed by the Head Contractor, Kepler SDI fields that the SDI dripper line has been dispatched and the shipment is due in Bluff port on or about 18 March 2021. The dripper line will be freighted directly to site where it will be stored until installation planned for late April / early May.

This period Southland District Council conducted a Control HAZOP to discuss and formulate the Functional Description which will form the heartbeat of the project. Input and finalisation was given by Stantec, Next Gen, Downer, Kinetic Electrical and Bremca.

The final draft of the Functional Description was due to the Southland District Council on 26 February 2021, with the overall basis complete. Council's Project Manager still sees gaps in scenario and contingency planning. The workshop identified and addressed certain dynamic scenarios, but further works is urgently required to identify shortfalls within the control design.

Covid 19 delays

Through weekly reporting by both Head Contractors, it is becoming apparent there could be supply chain delays to back order items. These delays are on day to day consumable items and is being caused by the increase in demand from the current water reform works.

This issue is being closely monitored by Southland District Council and at this stage these delays will not impose any financial implications but has increased the risk profile for certain aspects of the project.

Health and safety

Health and Safety performance continues to track well with zero Lost Time Injuries and Medical Treatment Injury incidents across the project, with 4,063 work hours completed this month.

- 39,120 man hours completed to date on site
- 0 Lost time injuries recorded to date

Site inspections and audits were conducted by Teri Black, Council's Health and Safety Advisor on both sites and were productive. There were minor corrective actions for the Head Contractor, Kepler SDI field.

Southland District Councils onsite audits and safety observations summary

The Southland District Council completed five site observations during this reporting period.

Environmental

A large amount of historic bitumen was discovered during excavation and installation of underground services on the Membrane site. As this site is a HAIL site, Southland District Council were not required to remove the bitumen from site under the current resource consent conditions.

This discovery had a small financial impact to the project that will be claimed for in the Downer February claim.

Project programme

Key programmes dates achievements in last reporting period.

- Membrane plant building fully cladded and water tight, internal lining 80% complete
- Raising of the ponds at the Te Anau site commenced and is 65% complete
- SDI building fully cladded and water tight
- Pasture Management 3rd Cut and Carry operation completed
- Dripper Line dispatched from manufactures and is in transit to New Zealand, arrived in Singapore 28 February 2021
- 100% of SDI concrete chambers are onsite and being installed

Programme Risk

- Functional description fails to capture all of the plant operations intricacies, resulting in momentary plant failure
- Lack of scenario and contingency planning completed to date, resulting in delays
- Inaccuracies and oversights in SDI and Membrane design resulting in contract delays and variations
- Covid 19 escalations within New Zealand and new strains world wide

Master programme dates

Item	Key start date	Key Completion date	On / off track / forecast Changes
Package 1 (Kepler Block)	September 2018	March 2020	Completed
Package 2 (Main pipeline)	July 2019	June 2020	Completed
Package 4a (MF Plant, Additional Storage)	5 October 2020	June 2021	Currently under construction
Package 4b (SDI Field)	5 October 2020	May 2021	Currently under construction
Package 5 (Professional Fees)	April 2010	June 2022	Professional fees are ongoing throughout the duration of the project
Package 6 (Consents)	April 2010	June 2022	Ongoing consent works will continue throughout the duration of the project

Programme clarifications

Package 1 Kepler Block

Completed.

Package 2 Pipeline

The pipeline project is now practically complete, with the defect period expiring 30 June 2022. The pipeline will remain full until placed into commission in late 2021.

Package 4a MF Plant, additional storage

The Membrane site reported by the Membrane Plant Head Contractor, experienced a working at height breach, where three workers chose to conduct working tasks off the Elevated Work Platform and work directly standing on roof rafters with no fall protection. It was estimated workers were on the roof for 5 – 10 minutes before being asked to stop work by the Head contractor's employee.

Work was ceased at the request of the Southland District Council until Head Contractor of the Membrane Plant completed a thorough investigation and put measures in place to ensure their sub-contractors work safely. The sub-contractor was instructed to conduct re-training on risk control identification and working at heights. At Southland District Councils request, the Head Contractor of the Membrane Plant is to conduct two additional audits per week on this sub-contractor to prove compliance.

The site has now progressed to Civil works which sees the earthworks to raise the three existing ponds to obtain the 15,000m^3 storage buffer as required by the SDI discharge consent conditions, these works are expected to take up to 10 weeks and are approximately 75% completed.

As a large amount of the civil works underground have been either completed or started, the risk exposure to Southland District Council has now dramatically reduced.

The only Covid 19 delay currently reported for the Membrane Plant tanks has now left manufacturing and is currently in transit, this delay will extend the commissioning by a potential four weeks, but early notification has enabled the project to plan around this item for commissioning purposes.

Package 4b SDI Field

It was identified by the Southland District Council's Project Manager of a working at heights breach. The identified tasks were immediately ceased and Head Contractor, Kepler SDI fields issued with a notice of improvement by the Engineer. The site had an array of issues, including working off ladders without three points of contact, no hard hats, exposed reinforcing steel with no protection caps and a very untidy worksite with mesh and reinforcing steel scattering the site.

Head Contractor for the Kepler SDI fields diligently amended the site to ensure compliance, an investigation and subsequent report was created by Head Contractor, identifying some serious shortfalls, including the failure of Head Contractor, Kepler SDI fields to have a sub-contractor agreement in place with the contractor involved.

Following subsequent visit and audits, the level of attention to safety and subcontractor management has improved.

A major milestone was achieved in mid-January 2021 with the confirmation by Head Contractor, Kepler SDI fields that the SDI dripper line has been dispatched and is currently in transit and due in Bluff port on or around 18 March 2021. The dripper line will be freighted directly to site, where it will be stored until installation planned for late April / early May.

As approximately 75% of all pipelines are now installed on the SDI field, work has now commenced with the installation of approximately 75% of all concrete chambers. All underground works are due to be completed by mid to late March, weather permitting.

Supply issues for some hardware components have been identified and Council staff have increased their focus on monitoring potential delays through weekly meetings with Head Contractor, Kepler SDI fields site management staff and will provide updates as they become apparent.

Pasture Management

The 3rd cut and carry operation was completed in late February 2021 and yielded 778 bales. There are plans for one remaining cut, the fourth will be completed in conjunction with the dripper line installation. Yields for the final cut will be disrupted as timing will not be optimised for grass growth, but more focused around ground conditions for the dripper line installation.

Package 5 Professional fees

Professional fees are ongoing throughout the project delivery. With the design portion of the project nearing completion, Stantec have been requested to provide a task completion report included a final forecast cost to complete. This report will enable the Southland District Council to choose and prioritise the remaining tasks in conjunction with costs and benefits to the project.

Package 6 Consents

The Upukerora discharge consent application has been submitted to and accepted by Environment Southland. In November, Environment Southland asked for three additional affected party approvals which have now all been received. A draft set of conditions were received on 4th March and which comments have been fed back to Environment Southland. Council were notified that consent had been granted for a three year period on 9th March 2021. The finalised conditions largely mirror the current consent.

Project financials

The following tables covers the keys changes or movements in the agreed project budgets.

Financial Clarifications

No changes to project budgets this reporting period, the contract contingency and major variations will be noted below as the project progresses.

Item	Approved Commitment	Costs to date	Forecast Final cost
Package 1 (Kepler Block)	$746,001.00	$908,291.21	$908,291.21
Package 2(Main pipeline)	$5,592,262.50	$5,330,653.29	$5,343,873.46
Package 3 Additional storage	$979,440.00	$246,421.46	$989,440.00
Package 4 Membrane Plant	$8,520,560.00	$3,672,119.97	$8,410,982.80
Package 4b (SDI Field)	$5,266,362.00	$1,706,596.63	$5,066,636.74
Package 5 (Professional Fees)	$2,375,956.00	$3,105,348.80	$3,328,943.44
Package 6 (Consents)	$600,000.00	$995,364.98	$1,052,866.71
General work item	$200,000.00	$87,735.74	$90769.78
Construction Contingency	$2,739,357.50		
Totals	**$27,019,939**	**$16,052,532.08**	**$25,191,804.14**

Project risks

There is an active risk register being continually reviewed for the Te Anau wastewater scheme. In this section we note the key risks to SDC and the project.

Risk Description	Effect	Mitigation
Scenario Planning	Lack of scenario and contingency planning for SDI field and integration into Membrane and pipeline	Good planning, creation of scenario matrix, workshop to review
Existing 50mm line unable to deliver required volume of potable water for existing screens and plant process water, including safety showers	No processed water for plant operations and for safety showers	Install additional buffer tank at Membrane plant or increase size of ryder main from SH 94 to plant (700 meters)
Physical works completed before control and SCADA programming is ready (multiple parties are involved)	• Delay to physical commissioning. • Acceptance testing abbreviated • Time and cost effects	• Timeframes, milestones established and agreed with all parties.
Changes to design by the Contractors not checked with designer	• Unintended consequences to operability or performance.	• Propose that any change proposed by Contractor should be formally notified to Engineer via NTE.

Downer Water and Wastewater Maintenance Contract 10/01 - Monthly Report for December 2020 - January 2021

Record No: R/21/2/7511
Author: Bill Witham, Manager Contracts - Water and Waste
Approved by: Matt Russell, Group Manager Services and Assets

☐ Decision ☐ Recommendation ☒ Information

Background

1 Downer was awarded Contract 10/01 for delivery of water and wastewater services to Council for the Southland District. The contract was awarded in 2010 for a maximum period of 12 years.

Purpose

2 The purpose of this report is to update the committee on the progress of this contract.

Summary

3 KPI scoring was 92% for December 2020 - January 2021 which is a decrease of 8% on the previous month.

Compliance (Drinking-water)

4 All drinking water compliance testing was completed and carried out as per New Zealand Drinking-water Standards. All samples were absent of Escherichia Coli, thus meeting the required bacteriological standards. Protozoa compliance was high for the individual determinants including filtration and ultra violet disinfection performance. Overall compliance for each scheme is assessed at the end of the year.

Compliance (Environmental)

5 There were seven non-compliant tests during December, there were three non-compliant tests during January. Much of the required annual testing is undertaken during this period. Four times more samples are taken in the summer months than non-summer.

6 Wastewater discharge consent sampling was carried out at Lumsden, Monowai, Nightcaps, Ohai, Riversdale, Riverton Rocks, Te Anau and Winton during December. Joint sampling was carried out in conjunction with Environment Southland at the Ohai and Nightcaps during December.

7 There were seven non-compliant tests during December and these were the Faecal Coliforms and BOD at Monowai, discharge BOD, Bore 5 E.coli and downstream E.coli at Riversdale, downstream soluble nitrogen at Te Anau and downstream ammonia at Winton.

Operations and Maintenance

8 277 service request calls were received for December 2020 - January 2021 including 198 water, 60 rural water, 9 sewer, two stormwater.

Minor Capital Projects

9 The minor capital projects awarded to Downer are all on track for completion by end of June.

Financial

10 There were no outstanding variations.

Customer Service

11 There were 277 service requests received and seven recorded as resolution time exceeded.

Health and Safety

There were no safety incidents in December 2020 - January 2021.

Quality Assurance

12 No non-conformance/opportunity for improvement reports were issued and no instances of rework or product failure during the month.

Recommendation

That the Services and Assets Committee:

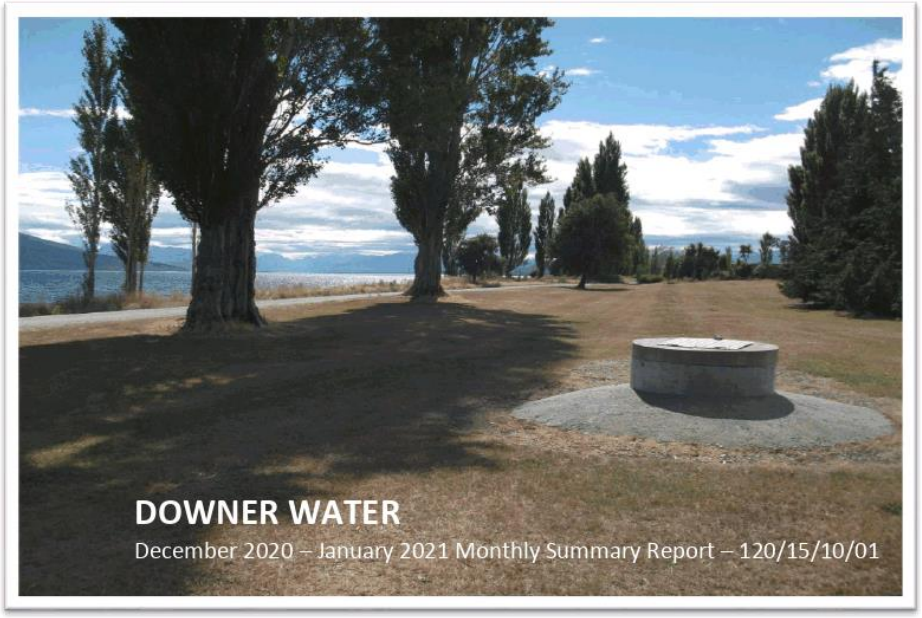
a) receives the report titled "Downer Water and Wastewater Maintenance Contract 10/01 - Monthly Report for December 2020 - January 2021" dated 16 March 2021.

Attachments

A Downer Monthly Report December 2020 - January 2021 ⇩
B Downer Monthly Summary Report December 2020 - January 2021 ⇩

Downer

Southland District Council
Water and Wastewater Maintenance Contract



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03	Bill Witham	Contracts Manager: Water and Waste Services	SDC
04	Bevan McKenzie	Project & Programme Manager: Asset Manager Water	SDC

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2. Health and Safety

3. Quality Assurance and Compliance

4. KPI Summary

1. EXECUTIVE SUMMARY

COMPLIANCE (DRINKING WATER)

- All drinking water compliance testing was completed and carried out as per NZDWS.
- All samples were absent of Escherichia Coli.

COMPLIANCE (ENVIRONMENTAL WASTEWATER)

- There were seven non-compliant tests during December.
- There were three non-compliant tests during January.

FINANCIAL

MISC MINOR WORKS DECEMBER 2020

Riverton WTP Chemicals	4,402.68	Chemical & Filters Riverton WTP Dec 2020
Riverton WTP Mixing Chemicals	1,126.51	Mixing Chemicals December 2020
Te Anau Ponds O&M	7,749.43	O&M Te Anau Ponds during construction
Winton & Lumsden Nitrate Sample	83.16	Nitrate sampling - Winton & Edendale Dec 2020
Ohai Discharge Consent Sampling	292.74	Ohai Discharge Consent Sampling – Dec 2020
Te Anau Ponds FOG Sampling	754.08	Te Anau Ponds FOG Sampling – Dec 2020
Edendale Worm Farm	10,502.82	Edendale Worm Farm – Dec 2020
Ohai Citric EFM Washes	191.88	Ohai Citric EFM Washes – Dec 2020
Cardigan Rd, Wyndham	105.27	Rebury manhole located after flooding event
Crawford Rail Tunnel, Ohai	738.10	Investigate possible leak at collapsed tunnel
Waikawa Toilet Sample	357.00	Resample Waikawa Toilet – Dec 2020
Woodlands Septic Tank Cleaning	6,179.00	Woodlands Septic Tank Cleaning – Dec 2020
Stewart Island Ponds	4,000.00	Upgrade track into Stewart Island Ponds
Riverton Revert to River	1,810.79	Intake screen – dig out river and clean screen
Taramea Bay SW Outfalls	1,793.90	Investigate slumping MH & clear beach outlets
1314 Longridge Road	1,180.77	Repair damage
Back Road, Stewart Island	5,324.29	Repairs to Back Road pump Station
Riverton Rocks Investigation	2,336.51	Investigate position of sewer main
Ohai WTP Investigation #2	1,162.97	Clean out & extend culvert pipe after mains strike main in October
Trail Park, Stewart Island	1,949.00	Install 25,000L tank
Eastern Bush Intake	19,482.29	Alter river intake to allow water into new infiltration gallery installed
Te Anau Bowling Club	133.09	New connection at Te Anau Bowling Club
Price Road, Winton	2,324.76	Set up boom to monitor discharge from stormwater pipe to creek
6 Bates St, Riverton	205.70	Investigate flooding as requested
Tokonui WWTP	1,533.62	Hume bond pipes in wet well
Monowai Tree Felling	2,165.79	Tree felling at Monowai
TOTAL	**77,886.15**	

All claims and invoices for completed work were certified and accepted.

MISC MINOR WORKS JANUARY 2021

Riverton WTP Chemicals	3,105.82	Chemical & Filters Riverton WTP Jan 2021
Riverton WTP Mixing Chemicals	1,170.68	Mixing Chemicals January 2021
Curio Bay Water		Delivery of water Curio Bay December 2020
Te Anau Ponds O&M	7,749.43	O&M Te Anau Ponds during construction
Winton & Lumsden Nitrate Sample	83.16	Nitrate sampling - Winton & Edendale Jan 2021
Ohai Discharge Consent Sampling	292.74	Ohai Discharge Consent Sampling – Jan 2021
Te Anau Ponds FOG Sampling	754.08	Te Anau Ponds FOG Sampling – Jan 2021
Edendale Worm Farm	9,410.93	Edendale Worm Farm – Jan 2021
Ohai Citric EFM Washes	287.82	Ohai Citric EFM Washes – Jan 2021
17 Capt Roberts Road, Te Anau	830.63	Relocate toby to front boundary
Hastings St, Ohai	1,070.96	Expose & replace 3m sewer line
14B Whipp Place, Stewart Island	1,975.22	Install new cover
Hastings St, Ohai Reinstatement	1,224.73	Reinstatement Hastings St Ohai and short charge of Inv 1211615
Wyndham A&P Showgrounds	5,954.29	Investigation and repairs at Wyndham A&P Showgrounds
Install sample point at Winton WWTP	372.90	Install sample point at Winton WWTP
Wyndham Manholes	2,443.23	Open manholes etc Wyndham manholes
Edendale Fire Hydrant	360.02	Paint Edendale Fire Hydrant yellow
Ohai WTP	4,957.65	Repairs after high winds blew trees over, crushing fencing & 150mm main
De Joux Rd, Winton	799.32	Waterblast mains of fat build up
Curio Bay WTP Operations	4,670.28	Curio Bay WTP Ops to January 18, 2021
Acheron Way, Te Anau	7,000.70	Suck manhole, flush lines
Eastern Bush River Work	5,374.39	River work and work at Ohai plant
Three Waters Reform Programme Work	2,371.60	Raewyn's Three Waters Reform Programme work
Edendale WWTP Backflow Preventer check	121.45	Non contract annual BFP check, Worm Farm
36 Farm St, Lumsden	2,088.00	Investigate and install Acuflo after internal leak, could not locate toby
Tuatapere Dump Station BFP check	121.45	Tuatapere Dump Station BFP check Dec 20
10 Blairs Place, Te Anau	346.61	Te Anau Plumbing invoice for attending leak on SDC side of toby
Te Anau Public Toilets BFP check	121.45	Te Anau Public Toilets BFP check Dec 20
Gerrard Rd, Winton	4,838.19	Repair and replace collapsed storm water main
Mt York Switchboards	18,886.10	Intake & Booster Switchboard replacements
George St Riverton – Storm water repair	9,398.51	Storm water repair
Riverton Rocks PS Pump Installation	5,256.00	Install replacement pump at Riverton Rocks PS (cost of pump already invoiced)
TOTAL	**103,438.34**	

All claims and invoices for completed work were certified and accepted.

HEALTH & SAFETY

- There were no incidents reported in December 2020 or January 2021
- December Tool Box was held on December 17, 2020 at Orepuki Beach Cafe.

NEAR MISSES

- One near miss in January when Mal slipped whilst welding pipework for new pump install at Riverton Rocks. No injury but learnings are he could have selected a more stable work area.

QUALITY ASSURANCE

- There were no NCR/OFI's issued during December 2020 or January 2021.
- There were no instances of rework or product failure during the two months.

PLANNED POWER INTERRUPTIONS

Planned power interruptions in December 2020:

- December 17 - Duncraigen Water Supply
- December 22 – Pump station opposite cnr Inkerman Street, Wyndham

Planned power interruptions in January 2021:

- January 16 – Riversdale Sewer Pump, Liverpool St, Riversdale
- January 18 – Riversdale Sewer Pump, Liverpool St, Riversdale

STAFFING

- Contract staff levels are currently sixteen permanent employees. This is made up of five management, administration and QA staff and eleven field staff. Callum Wells finished employment with Downer at the end of December 2020 and Jon Brocklehurst commenced as a Reticulation Labourer on January 18, 2021.

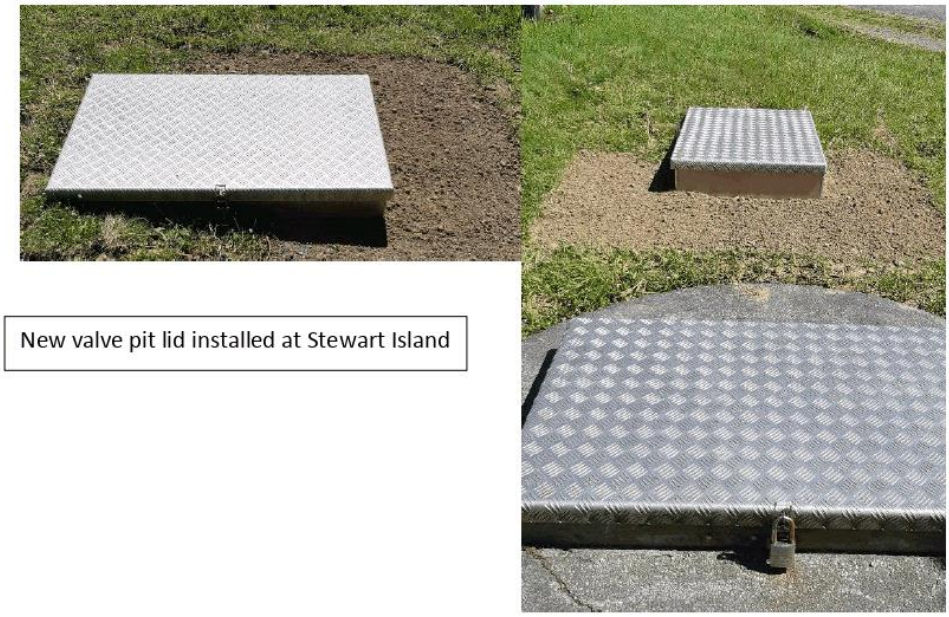
- Training Completed in December:
  - December 16 – Confined Spaces – Steve Flawn

- Training scheduled for February:
  - February 18 – First Aid Refresher – Murray De Groot, Tony Neilson, Raewyn McCrostie

SUMMARY

OHAI WIND DAMAGE, MAINS REPAIR AND CLEAN UP

Storm water repairs, Gerrard Road, Winton



New valve pit lid installed at Stewart Island

George Street, Riverton storm water repair

Wyndham show grounds repair to cross connection

Ohai mains repair

Fitting failure lateral to the main

HEALTH & SAFETY

HEALTH & SAFETY INDICATORS:

Description	Employees	Sub-Contractor	Employees	Sub-Contractor
	Current Month (Dec & Jan)	Current Month (Dec & Jan)	YTD	YTD
Number of Fatalities	0	0	0	0
Number of Lost Time Injuries	0	0	0	0
Number of Days lost due to LTI's	0	0	0	0
Number of Medical Treatment Injuries	0	0	0	0
Number of First Aid Treatment Injuries	0	0	0	0
Number of Near misses	1	0	1	0
Number of Property/Plant Damages	0	0	3	0
Number of hours Worked	6,206.20	431.5	20,909.87	1,898.75
LTI Incidence Rate (1 million Hrs.)	0.0	0.0	0.0	0.0

2. QUALITY ASSURANCE & COMPLIANCE – DECEMBER 2020

All potable water samples taken were found to be absent of any e-coli presence. All water and wastewater field sampling was carried out by an independent sampling subcontractor. All water and wastewater samples are tested at an IANZ accredited laboratory, Water Care Laboratory Services in Invercargill. Both site and field sampling results are reported through to Council as well as being logged on our WaterOutlook system.

Description	Number
Water scheme laboratory tested samples taken for month: E-coli, UVT and P2	256
Wastewater scheme sampling completed for month	8
Wastewater scheme site samples taken for month	33
Wastewater scheme laboratory tests completed for month	350
Non-conformance reports received	0
OFI reports received	0
Site audits conducted	2

NZDWS

All Escherichia Coli monitoring for bacteria compliance were fully compliant, with samples all being absent of Escherichia Coli.

Bacteria compliance requires field testing of FAC, pH and turbidity of the water leaving the water treatment plants. The field sampling for these parameters were fully compliant, apart from turbidity on the Eastern Bush Otahu Flat and Orawia Water Supply. The supplies which use UV disinfection for protozoa compliance were monitored for UV transmittance as per the NZDWS, to ensure the UV reactors were disinfecting the water acceptably and all of these tests were compliant.

RESOURCE MANAGEMENT ACT

Wastewater discharge consent sampling was carried out at Lumsden, Monowai, Nightcaps, Ohai, Riversdale, Riverton Rocks, Te Anau and Winton during December. Joint sampling was carried out in conjunction with Environment Southland at the Ohai and Nightcaps during December. There were seven non-compliant tests during December and these were the Faecal Coliforms and BOD at Monowai, discharge BOD, Bore 5 e.coli and downstream e.coli at Riversdale, downstream soluble nitrogen at Te Anau and downstream ammonia at Winton.

2. QUALITY ASSURANCE & COMPLIANCE – JANUARY 2021

All potable water samples taken were found to be absent of any e-coli presence. All water and wastewater field sampling was carried out by an independent sampling subcontractor. All water and wastewater samples are tested at an IANZ accredited laboratory, Water Care Laboratory Services in Invercargill. Both site and field sampling results are reported through to Council as well as being logged on our WaterOutlook system.

Description	Number
Water scheme laboratory tested samples taken for month: E-coli, UVT and P2	204
Wastewater scheme sampling completed for month	5
Wastewater scheme site samples taken for month	20
Wastewater scheme laboratory tests completed for month	133
Non-conformance reports received	0
OFI reports received	0
Site audits conducted	2

NZDWS

All Escherichia Coli monitoring for bacteria compliance were fully compliant, with samples all being absent of Escherichia Coli.

Bacteria compliance requires field testing of FAC, pH and turbidity of the water leaving the water treatment plants. The field sampling for these parameters were fully compliant, apart from turbidity on the Eastern Bush Otahu Flat and Orawia Water Supply. The supplies which use UV disinfection for protozoa compliance were monitored for UV transmittance as per the NZDWS, to ensure the UV reactors were disinfecting the water acceptably and all of these tests were compliant.

RESOURCE MANAGEMENT ACT

Wastewater discharge consent sampling was carried out at Gorge Road, Manapouri, Riverton Rocks, Te Anau and Tuatapere during January. Joint sampling was carried out in conjunction with Environment Southland at the Tuatapere and Riverton Rocks during January. There were three non-compliant tests during January and these were the Faecal Coliforms concentration of the shellfish at Riverton Rocks, the dissolved inorganic nitrogen in Little River, Stewart Island and the downstream soluble nitrogen at Te Anau.

3. KEY PERFORMANCE INDICATORS – DECEMBER 2020

	No.	Key Performance Indicator	Method Of Monitoring	Target	Compliance Y,N or N/A
Health & Safety	1.	Compliance with Contractor's approved Health & Safety Plan	Self-audit plus independent audit	100%	Y
	2.	Feedback on near misses	Monthly reports on incidents and lessons learnt	Any/All incidents reported each month	Y
	3.	Lost time Health & Safety incidents on this contract	Monthly reports on lost time incident hours/hours worked	0.00035% Lost time of total hours worked to date	Y
Wastewater	4.	Percentage compliance with wastewater Resource Consent determinands. **Downer to apply for dispensation for Stewart Island and Ohai.**	Monitoring programme as required by Resource Consent (Dispensation sought for Stewart Island)	100% 98%	N
	5.	Percentage samples taken in accordance with the Resource Consent requirements **(Dispensation to be requested if required).**	Monitoring programme as required by Resource Consent	100% 100%	Y
	6.	Number of system failures and pollution incidents (overflows) per year across all systems (not including private)	Data from HANSEN IPS	Less than 20 0	Y
	7.	Percentage of Requests for Service responded to within required timeframes – wastewater	Data from HANSEN IPS	100% 100%	Y

Water	8.	Percentage of water lab tests that meet the requirements of the NZDWS 2005 (for plants upgraded to meet the NZDWS 2005 standard)	WINZ	100% 100%	Y
	9.	Number of complaints regarding drinking water quality per year across all systems. **(Dispensation to be requested if required)**	Data from HANSEN IMS	Less than 65 0	Y
	10.	Number of complaints regarding drinking quantity and supply of water, over and above 48 hour storage period.	Data from HANSEN IMS	Less than 130 0	Y
	11.	Number of non-notified shutdowns across all urban water systems	Data from HANSEN IMS	Not more than 20 0 (TOTAL)	Y
	12.	Percentage of Requests for Service responded to within required timeframes - water	Data from HANSEN IMS	Not less than 90% 100%	Y
Performance Evaluation		A Total number of Y's			11
		B Total number of N's			1
		A + B			12
		OPR = 100 X (A/(A+B) %			

JUL 20	AUG 20	SEP 20	OCT 20	NOV 20	DEC 20	JAN 21	FEB 21	MAR 21	APR 21	MAY 21	JUN 21
100%	92%	100%	100%	100%	92%						

3. KEY PERFORMANCE INDICATORS – JANUARY 2021

	No.	Key Performance Indicator	Method Of Monitoring	Target	Compliance Y,N or N/A
Health & Safety	1.	Compliance with Contractor's approved Health & Safety Plan	Self-audit plus independent audit	100%	Y
	2.	Feedback on near misses	Monthly reports on incidents and lessons learnt	Any/All incidents reported each month	Y
	3.	Lost time Health & Safety incidents on this contract	Monthly reports on lost time incident hours/hours worked	0.00035% Lost time of total hours worked to date	Y
Wastewater	4.	Percentage compliance with wastewater Resource Consent determinands. **Downer to apply for dispensation for Stewart Island and Ohai.**	Monitoring programme as required by Resource Consent (Dispensation sought for Stewart Island)	100% 98%	N
	5.	Percentage samples taken in accordance with the Resource Consent requirements **(Dispensation to be requested if required).**	Monitoring programme as required by Resource Consent	100% 100%	Y
	6.	Number of system failures and pollution incidents (overflows) per year across all systems (not including private)	Data from HANSEN IPS	Less than 20 0	Y
	7.	Percentage of Requests for Service responded to within required timeframes – wastewater	Data from HANSEN IPS	100% 100%	Y

Water	8.	Percentage of water lab tests that meet the requirements of the NZDWS 2005 (for plants upgraded to meet the NZDWS 2005 standard)	WINZ	100% 100%	Y
	9.	Number of complaints regarding drinking water quality per year across all systems. **(Dispensation to be requested if required)**	Data from HANSEN IMS	Less than 65 0	Y
	10.	Number of complaints regarding drinking quantity and supply of water, over and above 48 hour storage period.	Data from HANSEN IMS	Less than 130 0	Y
	11.	Number of non-notified shutdowns across all urban water systems	Data from HANSEN IMS	Not more than 20 0 (TOTAL)	Y
	12.	Percentage of Requests for Service responded to within required timeframes - water	Data from HANSEN IMS	Not less than 90% 100%	Y
Performance Evaluation		A Total number of Y's			11
		B Total number of N's			1
		A + B			12
		OPR = 100 X (A/(A+B) %			

JUL 20	AUG 20	SEP 20	OCT 20	NOV 20	DEC 20	JAN 21	FEB 21	MAR 21	APR 21	MAY 21	JUN 21
100%	92%	100%	100%	100%	92%	92%					

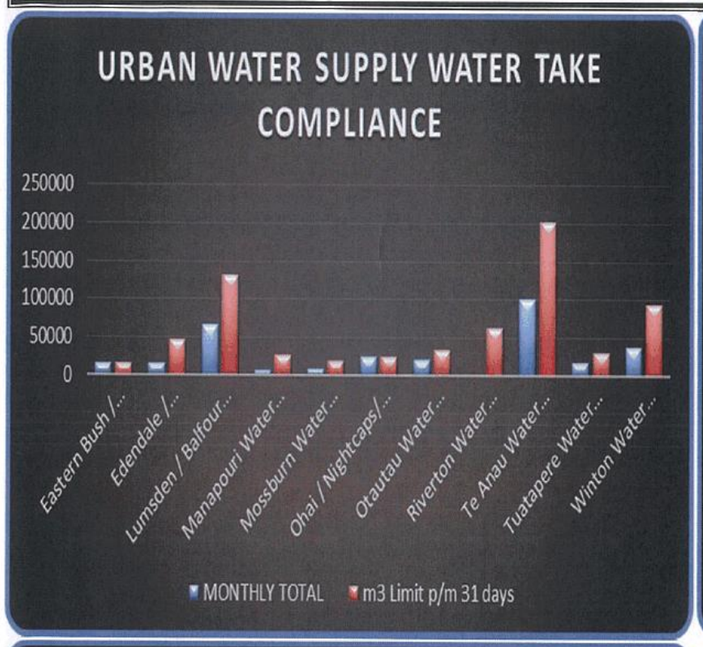
PERFORMANCE SCORING TABLE

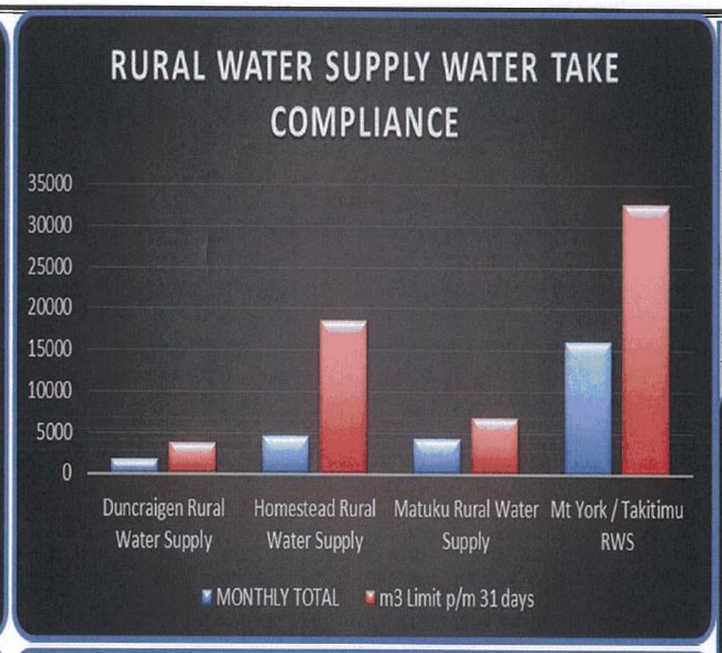
OPR Score (%)	RATING	DESCRIPTION
91-100	Excellent	Awarded when requirements are consistently met in an outstanding manner
76-90	Above Average	Requirements fully covered in all material aspects, and being proactive
60-75	Average (proactive)	Outputs adequate and performance is adequate
50-59	Average (reactive)	Outputs adequate but in a reactive mode
40-49	Below Average	Barely adequate: Some deterioration in services
40 or less	Poor	Unacceptable: Serious deterioration of services

SOUTHLAND DISTRICT COUNCIL—WATER AND WASTEWATER MAINTENANCE CONTRACT

120/15/10/01

MONTHLY SUMMARY REPORT - DECEMBER 2020



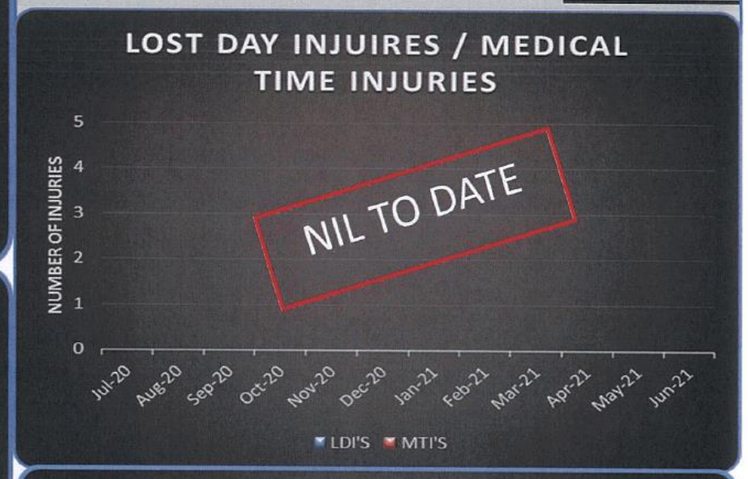


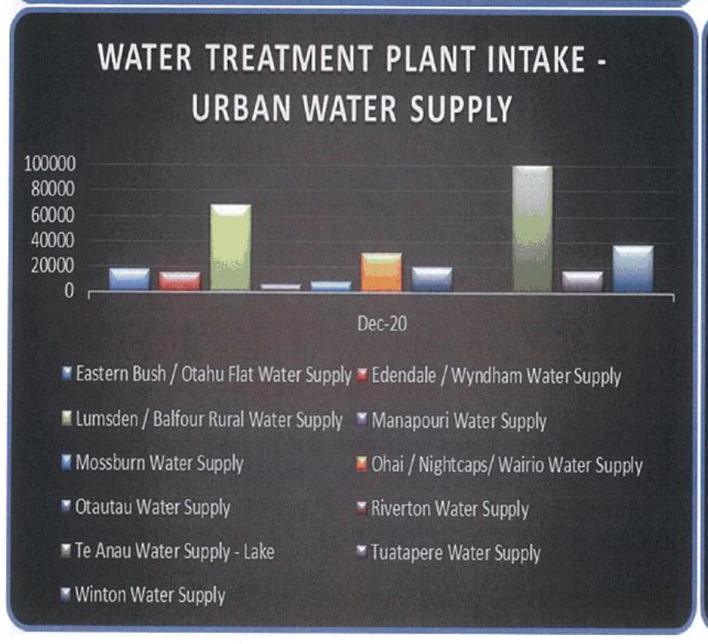
MINOR CAPEX WORK

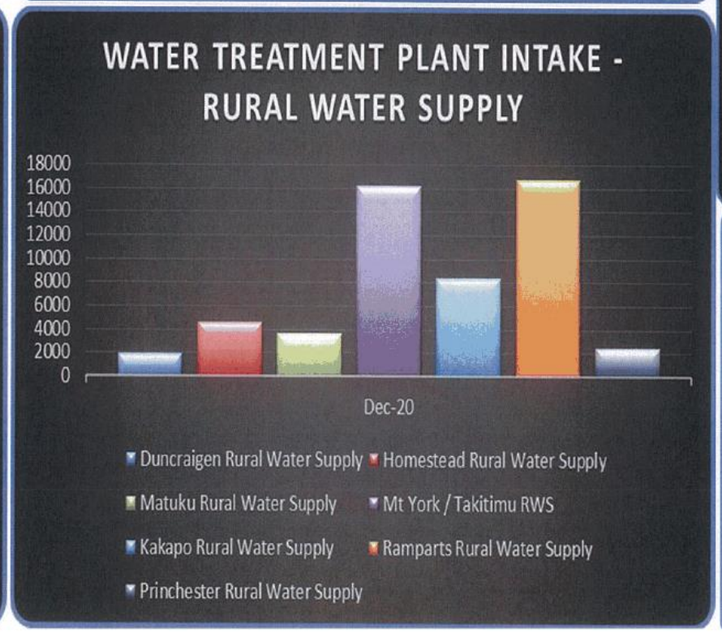
	TOTAL CLAIMED
Minor Capital Work	$ 82,823.55
Project Work	$ 37,660.47
TOTAL	$ 120,484.02

CLAIM SUMMARY YEAR TO DATE

	TOTAL CLAIMED
SDC O&M Lump Sum YTD	$ 1,507,976.04
SDC O&M Capital & Project Works YTD	$ 736,874.37
TOTAL	$ 2,244,850.41







Exclusion of the Public: Local Government Official Information and Meetings Act 1987

Recommendation

That the public be excluded from the following part(s) of the proceedings of this meeting.

C8.1 Contract 10/01 - Water and Wastewater Operations and Maintenance Contract - Proposal to Rollover

C8.2 Contracts 20/53 and 21/18 - Award of Contracts for Mowing

C8.3 Access to Commercial Forest at Ohai for Coal Exploration and Mining

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
Contract 10/01 - Water and Wastewater Operations and Maintenance Contract - Proposal to Rollover	s7(2)(i) - The withholding of the information is necessary to enable the local authority to carry on, without prejudice or disadvantage, negotiations (including commercial and industrial negotiations).	That the public conduct of the whole or the relevant part of the proceedings of the meeting would be likely to result in the disclosure of information for which good reason for withholding exists.
Contracts 20/53 and 21/18 - Award of Contracts for Mowing	s7(2)(i) - The withholding of the information is necessary to enable the local authority to carry on, without prejudice or disadvantage, negotiations (including commercial and industrial negotiations).	That the public conduct of the whole or the relevant part of the proceedings of the meeting would be likely to result in the disclosure of information for which good reason for withholding exists.
Access to Commercial Forest at Ohai for Coal Exploration and Mining	s7(2)(b)(ii) - The withholding of the information is necessary to 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. s7(2)(i) - The withholding of the information is necessary to enable the local authority to carry on, without prejudice or disadvantage, negotiations (including commercial and industrial negotiations).	That the public conduct of the whole or the relevant part of the proceedings of the meeting would be likely to result in the disclosure of information for which good reason for withholding exists.