



Notice is hereby given that a Meeting of the Te Anau Basin Water Supply Subcommittee will be held on:

Date: Tuesday, 9 March 2021
Time: 1.30pm
Meeting Room: Te Anau Library Meeting Room
Venue: 24 Milford Road
Te Anau

Te Anau Basin Water Supply Subcommittee Agenda OPEN

MEMBERSHIP

Chairperson	Keith Thompson
Members	Henry Douglas Murray Hagen Bill Hunter Graham Johnston Rex Millar Councillor Ebel Kremer

IN ATTENDANCE

Manager Operations - Water and Waste	Bill Witham
Committee Advisor	Rose Knowles

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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 – Water Supply Subcommittees– Te Anau Basin, Five Rivers, Matuku

TYPE OF COMMITTEE	Subcommittee
SUBORDINATE TO	Fiordland and Northern Community Board
LEGISLATIVE BASIS	Subcommittees delegated powers by Council as per schedule 7, clause 32, LGA 2002.
MEMBERSHIP	<p>Te Anau Basin Water Supply Subcommittee (Fiordland Community Board)</p> <p>The total membership of the Te Anau Basin Water Supply Subcommittee will be nine. Membership of the subcommittee shall be determined by an election at a triennial public meeting.</p> <p>The subcommittee representation shall comprise:</p> <ul style="list-style-type: none"> • a water supply consumer from each of the following areas: <ul style="list-style-type: none"> – Duncraigen – Homestead – Kakapo – Mt York – Princhester – Ramparts – Takitimu • two representatives appointed by Landcorp. <p>Matuku Water Supply Subcommittee (Northern Community Board)</p> <p>The total membership of the Matuku Water Supply Subcommittee will be six plus a councillor.</p> <p>The chairperson shall be elected by the vote of the subcommittee.</p> <p>Five Rivers Water Supply Subcommittee (Northern Community Board)</p> <p>The total membership of the Five Rivers Water Supply Subcommittee will be six members plus a councillor.</p> <p>The chairperson shall be elected by the vote of the subcommittee.</p>
QUORUM	<p>Te Anau Basin Water Supply Subcommittee – 5</p> <p>Matuku Water Supply Subcommittee – 4</p> <p>Five Rivers Water Supply Subcommittee – 4</p>
FREQUENCY OF MEETINGS	<p>Te Anau Basin Water Supply Subcommittee</p> <p>Three meetings per annum or as required.</p> <p>Matuku Water Supply and Five Rivers Water Supply Subcommittee</p> <p>One meeting per annum or as required.</p>
SCOPE OF ACTIVITIES	The activity of Southland District Council's Water Supply Subcommittees is framed by Council policies and plans. The responsibilities of these water supply subcommittees include:

	<ul style="list-style-type: none"> • providing feedback to Council officers on relevant plans and strategies (including asset management plans) • receiving operational and financial reports • community engagement and representing community views to Council.
DELEGATIONS	<p>Power to Act</p> <p>The Te Anau Basin, Matuku and Five Rivers Water Supply Subcommittees shall have the following delegated powers and be accountable to the relevant community board for the exercising of these powers:</p> <ul style="list-style-type: none"> (a) power to recommend the annual budget relating to the relevant water supply scheme (b) power to approve expenditure outside Council's authorised officer levels but within the budget of the water supply schemes. All decisions to approve expenditure outside Council's authorised officer levels must be made by way of a resolution at a meeting of the water supply subcommittees. Any such decisions must be reflected in the minutes of the meeting (c) power to approve new connections to the relevant water supply scheme (d) power to approve expenditure outside of the relevant annual budget for emergency works (e) policies relating to water schemes. <p>In addition to the power to approve expenditure outside of the relevant annual budget for emergency works, this committee can also recommend unbudgeted expenditure to the relevant Community Board and Council for approval.</p>

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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 Te Anau Basin Water Supply Subcommittee, 03 November 2020 and 30 June 2020.



Te Anau Basin Water Supply Subcommittee

OPEN MINUTES

Minutes of a meeting of Te Anau Basin Water Supply Subcommittee held in the Te Anau Library Meeting Room, 24 Milford Road, Te Anau on Tuesday, 3 November 2020 at 1.30pm.

PRESENT

Chairperson	Keith Thompson	Arrived 1.45pm
Members	Henry Douglas	
	Bill Hunter	

APOLOGIES

Rex Millar
Murray Hagen
Scott Harpham

IN ATTENDANCE

Manager Operations - Water and Waste	Bill Witham
Manager Operations – Water and Waste	Grant Isaacs
Corporate Performance Leader	Jason Domigan
Committee Advisor	Rose Knowles

There was not quorum for the meeting present at 1.45pm

The meeting failed due to the want of a quorum at 1.45pm

CONFIRMED AS A TRUE AND CORRECT RECORD AT A
MEETING OF THE TE ANAU BASIN WATER SUPPLY
SUBCOMMITTEE HELD ON 3 NOVEMBER 2020

DATE:.....

CHAIRPERSON:.....



Te Anau Basin Water Supply Subcommittee

OPEN MINUTES

Minutes of a meeting of Te Anau Basin Water Supply Subcommittee held in the Southland District Council Te Anau Office, 116 Town Centre, Te Anau on Tuesday, 30 June 2020 at 1.30pm.

PRESENT

Chairperson	Keith Thompson
Members	Henry Douglas Murray Hagen Bill Hunter Graham Johnston Rex Millar

APOLOGIES

Scott Harpham

IN ATTENDANCE

Manager Operations - Water and Waste Services	Bill Witham
Manager Operations – Water and Waste Services	Grant Isaacs
Committee Advisor	Rose Knowles

1 Apologies

There was an apology from Scott Harpham

Moved Graham Johnston, seconded Murray Hagen and resolved:

That the Te Anau Basin Water Supply Subcommittee 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 Henry Douglas, seconded Murray Hagen and resolved:

That the minutes of Te Anau Basin Water Supply Subcommittee meeting held on 9 December 2019 be confirmed as a true and correct record of that meeting.

Reports

7.1 Financial Report for the period ended 30 April 2020

Record No: R/20/6/21971

Operations Manager, Water & Waste, Bill Witham presented this item.

Items discussed included:

- Kakapo Rural Scheme Exposed Main

- Ramparts scheme, pumps not working fully, costings to rebuild will be available at the next meeting
- Maintenance to be done on the rising main – Kakapo scheme
- Mount York scheme issues
- Flow meter for monitoring the Kakapo scheme

Resolution

Moved Graham Johnston, seconded Murray Hagen and resolved:

That the Te Anau Basin Water Supply Subcommittee:

- a) **Receives the report titled “Financial Report for the period ended 30 April 2020” dated 18 June 2020.**
- b) Agrees that a flow meter be installed for monitoring water flow on the Kakapo and Dale roads.

7.2 Unbudgeted Expenditure Request - Solar Power Unit for Takitimu Reservoir

Record No: R/20/3/6066

Operations Manager, Water & Waste, Bill Witham presented this item.

Mr Witham advised that the purpose of this report is to seek approval from the Te Anau Basin Water Supply Sub-Committee in support of the unbudgeted expenditure required to install a solar power unit at the Takitimu Reservoir.

The Takitimu Rural Water Scheme reservoir has an existing electrical supply which is fed through a private dwelling. This dwelling is now a rental property and has intermittent power interruptions when there are no tenants in the property. These power interruptions cause a loss of communications between the reservoir and the intake pumps, causing issues with the successful operation of the water scheme.

The power issue can be rectified through the installation of a solar power unit at the reservoir site. This would require unbudgeted expenditure of \$5,100.00 to complete the installation.

Resolution

Moved Henry Douglas, seconded Graham Johnston and resolved:

That the Te Anau Basin Water Supply Subcommittee:

- a) **Receives the report titled “Unbudgeted Expenditure Request - Solar Power Unit for Takitimu Reservoir” dated 19 June 2020.**
- b) Determines that this matter or decision be recognised as not significant in terms of Section 76 of the Local Government Act 2002.

- c) Determines that it has complied with the decision-making provisions of the Local Government Act 2002 to the extent necessary in relation to this decision; and in accordance with Section 79 of the act determines that it does not require further information, further assessment of options or further analysis of costs and benefits or advantages and disadvantages prior to making a decision on this matter.
- d) Approves the unbudgeted expenditure to undertake the installation of a solar power unit at the Takitimu Rural Water Scheme reservoir for a total cost of \$5,100.00 to be funded by the Te Anau Basin Water Supply General Reserve.

7.3 Unbudgeted Expenditure - Rural Water Flow Meters

Record No: R/20/5/10400

Operations Manager, Water & Waste, Bill Witham presented this item.

Mr Witham advised that the purpose of this report is to provide information for the Te Anau Basin Water Supply Sub-Committee regarding the unbudgeted expenditure that was authorised by Council to install Magflo style water meters at three rural water schemes to comply with Environment Southland consent requirements. This request was made to Council following consultation with the Te Anau Basin Water Supply sub-Committee Chairperson.

Resolution

Moved Graham Johnston, seconded Bill Hunter and resolved:

That the Te Anau Basin Water Supply Subcommittee:

- a) **Receives the report titled “Unbudgeted Expenditure - Rural Water Flow Meters” dated 19 June 2020.**
- b) Determines that this matter or decision be recognised as not significant in terms of Section 76 of the Local Government Act 2002.
- c) Determines that it has complied with the decision-making provisions of the Local Government Act 2002 to the extent necessary in relation to this decision; and in accordance with Section 79 of the act determines that it does not require further information, further assessment of options or further analysis of costs and benefits or advantages and disadvantages prior to making a decision on this matter.

The meeting concluded at 2.55pm

CONFIRMED AS A TRUE AND CORRECT RECORD AT A
MEETING OF THE TE ANAU BASIN WATER SUPPLY
SUBCOMMITTEE HELD ON 30 JUNE 2020

DATE:.....

CHAIRPERSON:.....

Financial Report for the period ended 31 January 2021

Record No: R/21/2/7285
Author: Bill Witham, Manager Contracts - Water and Waste
Approved by: Matt Russell, Group Manager Services and Assets

☐ Decision ☐ Recommendation ☒ Information

Water and Waste **Engineer's Report**

- 1 The monthly operations report for Downer has been included with this report. The report includes data on Downer's district wide operations activities.
- 2 In recent months we have had to replace several key pieces of plant. These include pumps at Takitimu, Ramparts and Mt York. Also replaced were a switchboard and pressure vessels at Mt York.
- 3 An application has been submitted to renew the Ramparts abstraction consent. This has been opposed by the Department of Conservation. They have objected to the current bore being within 100m of a protected wetland under the National Environmental Standards for Freshwater 2020. SDC staff advise that the current budget allocated for this consent renewal will not be sufficient. Should the consent renewal be declined, additional costs are anticipated to establish a new source or to appeal the decision.
- 4 The table below shows all of the projects that are currently planned for Te Anau Rural Water project list.

Project Name	Type	Year	Budget	Staff Comments
Consent renewal preparation (Ramparts)	REN	2018/19	\$13,665	Underway
Consent renewal preparation (Kakapo)	REN	2018/19	\$13,617	Complete
Flow Meter Replacements (Rural Schemes)	REN	2019/20	\$29,194	Complete
Plant room Valves (Homestead)	REN	2020/21	\$7,169	Terminated
Replacement of non-compliant pressure vessels in treatment plant and booster station (Mount York)	REN	2020/21	\$45,000	Part of 3 Waters Reform Stimulus package Underway

Financial Considerations

Loans

- 5 The table below outlines the community loans as at 30 June 2020. The interest rate applicable on these loans for the 2020/21 year is 4.65%.

	Business Unit	Balance June 2020	Years Remaining
Electrical Upgrade	26960	\$4,988	2
Water Supply Overheads	26960	\$110,237	13
Mount York	26962	\$7,152	30
Kakapo Consent Renewal	26964	\$10,930	10
Homestead	26965	\$21,095	30

Reserves

6 Reserves are projected as:

	Opening balance 30 June 20	Annual Plan balance at 30 June 21	Forecast Closing 30 June 21
Te Anau Rural General Reserve	\$127	\$127	\$127

Recommendation

That the Te Anau Basin Water Supply Subcommittee:

- a) **Receives the report titled “Financial Report for the period ended 31 January 2021”**
dated 1 March 2021.

Attachments

- A Financial Information Te Anau Rural Water Supply - January 2021 [↓](#)
B Downer Monthly Summary Report December 2020 - January 2021 [↓](#)
C Downer Monthly Report December 2020 - January 2021 [↓](#)

Te Anau Rural Water Supply - Business Units as at 31 January 2021

Business Unit	Income			Expenses			Capital		
	Actual YTD	Budget YTD	Budget Full Year	Actual YTD	Budget YTD	Budget Full Year	Actual YTD	Budget YTD	Budget Full Year
Water Supply Overheads	\$19,102	\$18,010	\$30,874	\$94,004	\$93,807	\$161,151	\$29,194	\$17,030	\$29,194
Water Supply Ramparts	\$48,196	\$45,439	\$77,896	\$97,720	\$45,439	\$77,896		\$4,120	\$7,063
Water Supply Mount York	\$50,186	\$20,155	\$34,552	\$23,929	\$20,155	\$34,552	\$58,627		\$19,036
Water Supply Takitimu	\$31,363	\$29,569	\$50,690	\$28,305	\$29,569	\$50,690	-\$21		
Water Supply Kakapo	\$40,900	\$38,560	\$66,103	\$49,259	\$38,170	\$65,511		\$874	\$1,499
Water Supply Homestead	\$18,627	\$17,561	\$30,105	\$18,439	\$17,561	\$30,105			\$7,169
Water Supply Princhester	\$11,494	\$10,837	\$18,577	\$13,281	\$10,837	\$18,577			
Water Supply - Duncraigen	\$6,945	\$6,547	\$11,224	\$5,797	\$6,547	\$11,224			
Total	\$226,813	\$186,679	\$320,021	\$330,733	\$262,087	\$449,706	\$87,800	\$22,024	\$63,961

Te Anau Rural Water Supply income is \$40,134 higher than budget, this is primarily due to Mount York receiving a grant (\$28,808) from the three waters reform stimulus package for the replacement of non-compliant pressure vessels in treatment plant and booster station. The total project is \$45,000 and will be fully funded from the stimulus grant, the balance of the grant will be received as the project is completed.

Te Anau Rural Water Supply expenses are \$68,647 higher than budget, the main variances are:

- (i) Water Supply Ramparts is \$52,280 higher than budget. The resource consent costs to date are \$28,589, this costs needs to be treated as capital expenditure and the costs of the renewal will be included in the forecast. The routine maintenance cost includes the replacement of the bore pump (\$20,011) this also needs to be treated as capital expenditure and will be included in the forecast.
- (ii) Kakapo maintenance is \$11,089 is higher than budget due to trench in new 20 mm waterline and 30 metres deepening of pvc pipe

Te Anau Rural Water supply capital expenditure is \$65,776 higher than budget, the main variances are:

- (i) Water Supply overheads flow meter replacements has been completed on budget, the budget for the project has been spread over the full financial year
- (ii) Water supply Mount York includes \$18,886 for replacement of switchboards and \$11,000 unbudgeted expenditure for the replacement of a pump, \$28,808 cost has been incurred to date on the stimulus project for the replacement of non-compliant pressure vessels in the treatment plant and booster station



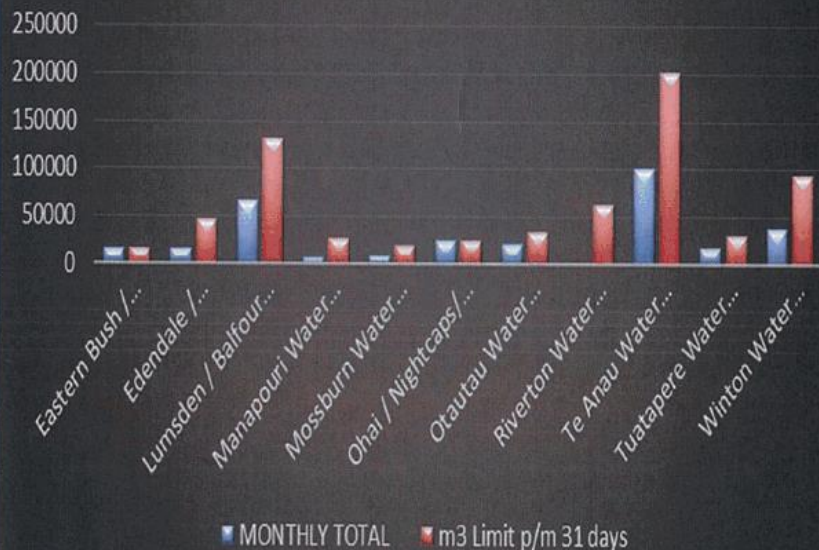
SOUTHLAND DISTRICT COUNCIL—WATER AND WASTEWATER MAINTENANCE CONTRACT

120/15/10/01

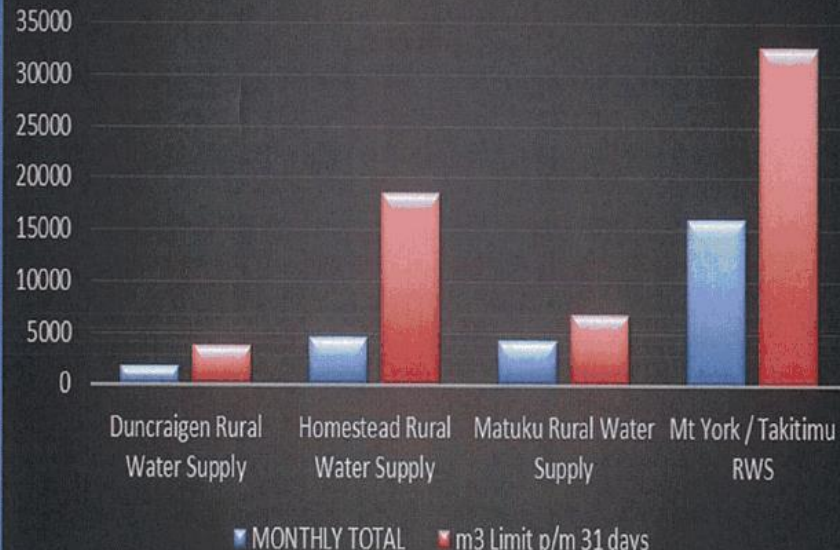


MONTHLY SUMMARY REPORT - DECEMBER 2020

URBAN WATER SUPPLY WATER TAKE COMPLIANCE



RURAL WATER SUPPLY WATER TAKE COMPLIANCE



MINOR CAPEX WORK

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

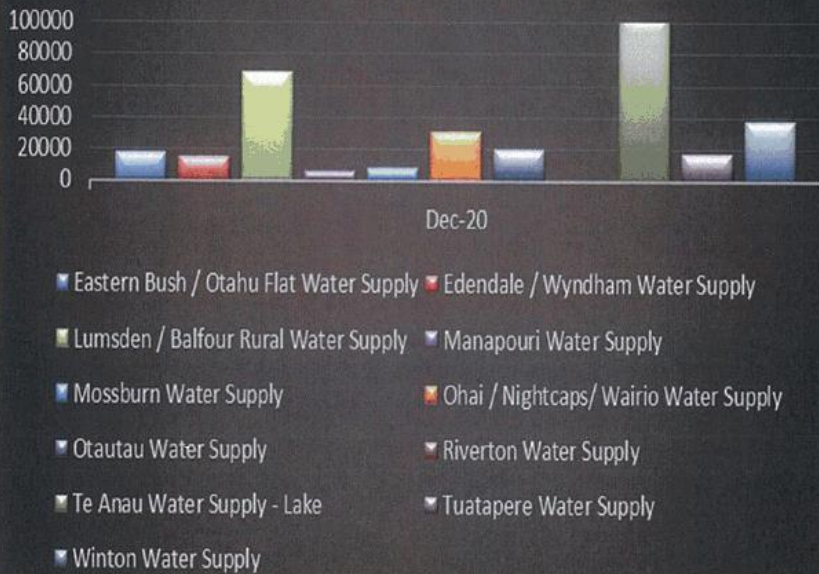
CLAIM SUMMARY YEAR TO DATE

	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

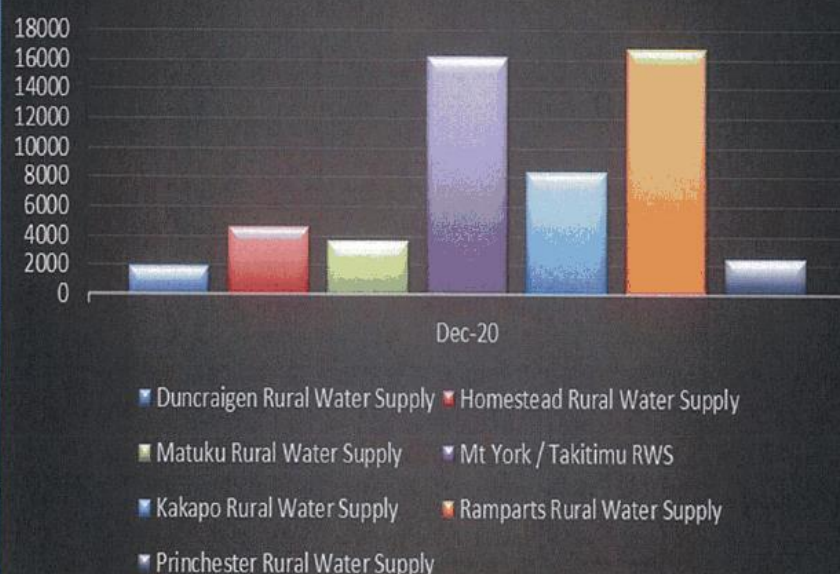
LOST DAY INJUIRES / MEDICAL TIME INJURIES



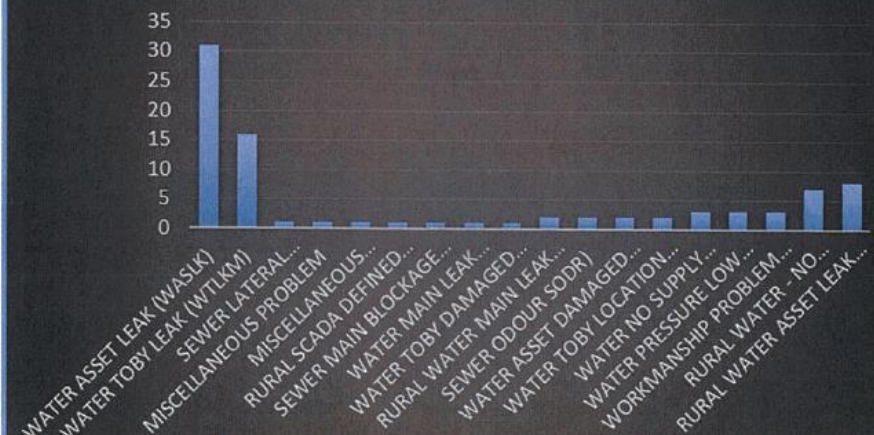
WATER TREATMENT PLANT INTAKE - URBAN WATER SUPPLY



WATER TREATMENT PLANT INTAKE - RURAL WATER SUPPLY

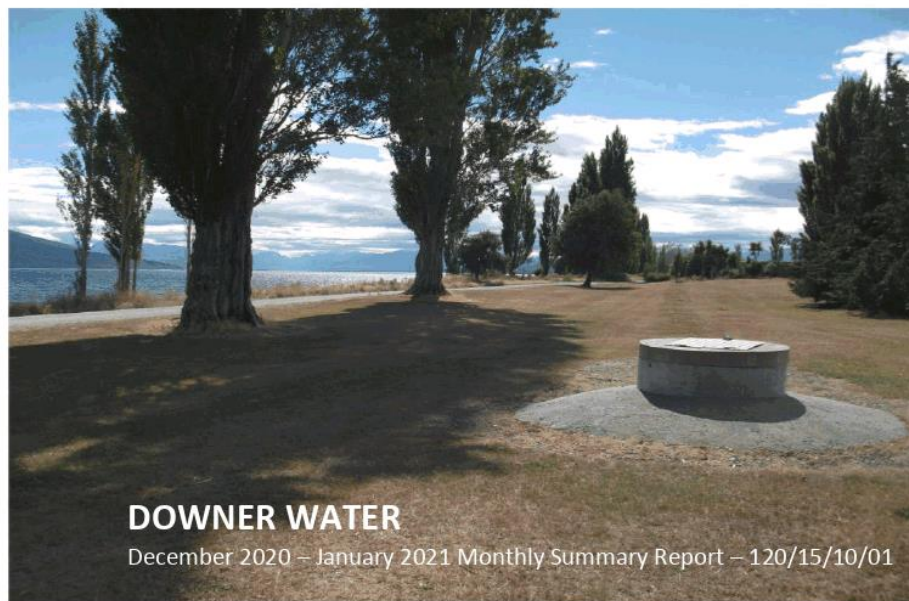


SERVICE REQUESTS RECEIVED





**Southland District Council
Water and Wastewater Maintenance Contract**



DISTRIBUTION

This Monthly Summary Report 120/15/10/01 has been distributed to:

Copy No.	Holder	Contract Position	Company
01	Ian Evans	Strategic Manager: Water and Waste Services	SDC
02	Grant Isaacs	Operations Manager: Water and Waste Services, Strategic Water and Waste	SDC
03	Bill Witham	Contracts Manager: Water and Waste Services	SDC
04	Bevan McKenzie	Project & Programme Manager: Asset Manager Water	SDC

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1. Executive Summary
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
OFl 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

Unbudgeted Expenditure - Replacement Pumps for Ramparts, Takitimu and Mount York Rural Water Schemes

Record No: R/21/2/8326
Author: Bill Witham, Manager Contracts - Water and Waste
Approved by: Matt Russell, Group Manager Services and Assets

☐ Decision ☒ Recommendation ☐ Information

Purpose

- 1 To seek a recommendation that council approves unbudgeted expenditure to replace pumps at the Ramparts, Takitimu and Mount York rural water schemes

Executive Summary

- 2 In November 2020, Council staff approved the replacement of the second pump at Ramparts. This was done to ensure demand could be met over the summer months.
- 3 In December 2020, the Takitimu intake pump failed in service and had to be replaced under urgency. The pump was installed in 1999 with an expected life of 20 years.
- 4 In January 2021, one of the Mt York pumps failed in service and was replaced under urgency. The pump was installed in 2008 with an expected life of 25 years.
- 5 There is currently no budget for this work.

Analysis

- 6 The Ramparts and Takitimu pumps had approximately met their expected service life
- 7 The Ramparts pump stack had been repaired several times but is obsolete and parts can no longer be sourced. The performance was substantially less than the newer pump installed last year and it was anticipated that it could not meet summer demand by itself if required.
- 8 The risk can be significantly addressed by replacing the older of the two pumps with a new unit.

Recommendation

That the Te Anau Basin Water Supply Subcommittee:

- a) **Receives the report titled “Unbudgeted Expenditure - Replacement Pumps for Ramparts, Takitimu and Mount York Rural Water Schemes” dated 1 March 2021.**
- b) Determines that this matter or decision be recognised as not significant in terms of Section 76 of the Local Government Act 2002.
- c) Determines that it has complied with the decision-making provisions of the Local Government Act 2002 to the extent necessary in relation to this decision; and in accordance with Section 79 of the act determines that it does not require further information, further assessment of options or further analysis of costs and benefits or advantages and disadvantages prior to making a decision on this matter.
- d) Recommends that Council approve unbudgeted expenditure incurred of \$45,700 for the replacement of the two pumps and one pump motor be funded by a 20 year loan with the repayments funded by the Te Anau rural water scheme rates

Background

- 9 The current Takitimu and Mount York rural water supply schemes intake pumps failed in service and had to be replaced to maintain the expected level of service. The Takitimu well only has a single pump by design making it a critical asset. The Ramparts pump was replaced after the operations contractor indicated its performance was not sufficient to keep up with summer demand on its own.

Issues

- 10 The older Ramparts pump is unable to match the peak summer demand by itself. The newer pump was replaced last year and is performing well.
- 11 The old Ramparts pumps are obsolete and parts are no longer available to undertake repairs.
- 12 The Takitimu pump was inspected and only the motor needed replacement.

Factors to Consider

Legal and Statutory Requirements

- 13 None identified.

Community Views

- 14 The work was undertaken to maintain the expected level of service and this request is considered to represent the views of the community.

Costs and Funding

- 15 The Ramparts pumps cost \$20,000 installed. The Takitimu pump motor cost \$14,700 installed and the Mt York pump cost \$11,000.
- 16 As there is no budget for this work, the costs will need to be covered by a loan.

Analysis

Analysis of Options

Option 1 – Approve the unbudgeted expenditure to replace the oldest pump

<i>Advantages</i>	<i>Disadvantages</i>
<ul style="list-style-type: none">the new pumps will have a lower risk of failure and disruption to the scheme.the new pumps will have an increased efficiency resulting in lower running costs.the new pumps are current models with spare parts readily available.	<ul style="list-style-type: none">none identified.

Option 2 – Do nothing

<i>Advantages</i>	<i>Disadvantages</i>
<ul style="list-style-type: none">• none identified.	<ul style="list-style-type: none">• the risk of disruption arising from a pump failure is considered unacceptable.

Recommended Option

- 17 To recommend that Council approves unbudgeted expenditure incurred of \$45,700 to replace pumps at Ramparts and Mount York and the pump motor at Takitimu rural water schemes. Funding the \$45,700 through a 20-year loan, results in an additional rates required of \$2,795 (excluding GST) per annum in 2021/2022 to 2030/2031. This will have a flow on effect on rates spread across the ratepayers of all schemes.

Attachments

There are no attachments for this report.