

Notice of the ordinary meeting of the

Regional Sewerage Business Unit

Te Rōpū ā-Roha Para, Whakatū / Te Tai o Aorere

Date:	Friday 14 May 2021
Time:	12.00p.m.
Location:	Rūma Whakatū Floor 2B, Civic House 110 Trafalgar Street, Nelson

Agenda

Rārangi take

Chair	Tasman District Cr Kit Maling
Deputy Chair	Nelson City Cr Tim Skinner
Members	Tasman District Cr Trevor Tuffnell Nelson City Cr Brian McGurk Brendon Silcock (Independent Member) Vacancy (Iwi Representative) Philip Wilson (Industry Representative; non-voting)

Quorum: 3

Pat Dougherty
Chief Executive

Nelson City Council Disclaimer

Please note that the contents of these Council and Committee Agendas have yet to be considered by Council and officer recommendations may be altered or changed by the Council in the process of making the formal Council decision

Nelson Regional Sewerage Business Unit

The Nelson Regional Sewerage Business Unit (NRSBU) is a joint committee of Nelson City and Tasman District Councils. Operation of the NRSBU is governed by a Board, as established by a Memorandum of Understanding (A1983271).

Areas of Responsibility

- To manage and operate the wastewater treatment facilities at Bells Island and the associated reticulation network efficiently and in accordance with resource consent conditions to meet the needs of its customers.

Powers to Decide:

- The Councils are agreed that the responsibility for all management and administrative matters associated with the NRSBU operation shall be with the Board, and in particular the Board shall without the need to seek any further authority from the Councils:
 - Operate a bank account for the Business Unit;
 - Comply with the Procurement Policy of the Administering Council;
 - Enter into all contracts necessary for the operation and management of the Business Unit in accordance with the approved budgets and intent of the Business Plan;
 - Authorise all payments necessary for the operation and management of the Business Unit within the approved budgets and intent of the Business Plan;
 - Do all other things, other than those things explicitly prohibited by this Memorandum of Understanding or relevant statutes, that are necessary to achieve the objectives as stated in the Strategic Plan, Asset Management Plan or Business Plan approved by the Councils;
 - Comply with the Health and Safety Policy and requirements of the administering Council
- Contribute to the sanitary services assessment process of the Councils
- Contribute to and comply with the waste management plans of the Councils
- Contribute to the development of the Councils' Development and Financial Contribution policies
- Contribute to the Councils' Regional Policy Statement and Regional Plan Reviews
- Develop and keep under review an appropriate contract for the delivery of waste collection and disposal services with each of its customers
- Follow generally accepted accounting practices
- Follow good employment practices

Powers to Recommend to Councils:

- Any other matters under the areas of responsibility of the Business Unit and detailed in the Memorandum of Understanding
- All recommendations to Council will be subject to adoption of an equivalent resolution by the other Council, unless it is a matter specific to one Council only.

Quorum:

- The Memorandum of Understanding governing the NRSBU allows for either six or seven members to be appointed. The quorum at a meeting is either three (if six members are appointed), or four (if seven members are appointed), including at least one from each local authority.

Procedure:

- The Standing Orders of the Council providing administration to the committee will be applied at each meeting.
- The Chairperson will not have a casting vote.
- Copies of minutes of meetings of the Joint Committee will be retained by each Council for record keeping purposes.

1. Apologies

- 1.1 An apology has been received from Brendan Silcock

2. Confirmation of Order of Business

3. Interests

- 3.1 Updates to the Interests Register
- 3.2 Identify any conflicts of interest in the agenda

4. Public Forum

5. Confirmation of Minutes

- 5.1 12 March 2021 **5 - 8**
- Document number M16488
- Recommendation

That the Nelson Regional Sewerage Business Unit

- 1. Confirms the minutes of the meeting of the Nelson Regional Sewerage Business Unit, held on 12 March 2021, as a true and correct record.***

6. Chairperson's Report

7. Nelson Regional Sewerage Business Unit Long Term Plan Submission Feedback Report **9 - 26**

Document number R25839

Recommendation

That the Nelson Regional Sewerage Business Unit

- 1. Receives the report Nelson Regional Sewerage Business Unit Long Term Plan Submission Feedback Report (R25839) and its attachment (A2634083); and***
- 2. Confirms the Operational and Capital budgets outlined in the Nelson Regional Sewerage Business Unit Activity Management Plan 2021-2031 (A2588684) and the 2021/2022 Nelson Regional Sewerage Business Unit Business Plan (A2588602).***

Recommendation to Nelson City Council and Tasman District Council

That the Nelson City Council and Tasman District Councils

- 1. Note that there are no changes to the 2021/2022 Nelson Regional Sewerage Business Unit Business Plan (A2588602) adopted to populate the Nelson City Council and Tasman District Council 2021 – 2031 Long Term Plans; and***
- 2. Note that there are no changes to the Nelson Regional Sewerage Business Unit Activity Management Plan 2021-2031 (A2588684) adopted to populate the Nelson City Council and Tasman District Council 2021 – 2031 Long Term Plans.***



Minutes of a meeting of the Nelson Regional Sewerage Business Unit

Held in the Council Chamber, Floor 2A, Civic House, 110 Trafalgar Street, Nelson

On Friday 12 March 2021, commencing at 1.06p.m.

Present: Tasman District Councillor K Maling (Chairperson), Nelson City Councillors B McGurk, T Skinner (Deputy Chairperson), Tasman District Councillor T Tuffnell and Independent Member B Silcock

In Attendance: Tasman District Council Engineering Services Manager (R Kirby), Nelson City Council Group Manager Infrastructure (A Louverdis), General Manager Regional Sewerage and Landfill (N Clarke), Operations Manager Regional Services (B Nixon), Accountant (A Bishop) and Governance Adviser (J Brandt)

Apology: Mr P Wilson

Adjournment of Meeting

Resolved NRSBU/2021/001

That the Nelson Regional Sewerage Business Unit

1. Adjourns the meeting for 15 minutes, to reconvene at 1.22p.m.

Skinner/McGurk

Carried

The meeting was reconvened at 1.22p.m.

1. Apologies

Resolved NRSBU/2021/002

That the Nelson Regional Sewerage Business Unit

- 1. Receives and accepts the apology from Mr P Wilson for attendance.***

McGurk/Skinner

Carried

2. Confirmation of Order of Business

There was no change to the order of business

3. Interests

There were no updates to the Interests Register, and no interests with items on the agenda were declared.

4. Public Forum

There was no public forum.

5. Confirmation of Minutes

5.1 11 December 2020

Document number M15349, agenda pages 5 - 8 refer.

Resolved NRSBU/2021/003

That the Nelson Regional Sewerage Business Unit

- 1. Confirms the minutes of the meeting of the Nelson Regional Sewerage Business Unit, held on 11 December 2020, as a true and correct record.***

Tuffnell/Skinner

Carried

6. Chairperson's Report

Tasman District Councillor Maling gave a verbal Chairperson's report. He noted Frank Hippolite's resignation from his role as iwi representative on the Board and that he had met with Tasman District Council's and Nelson City Council's respective Kaihautū to initiate the appointment of a new iwi representative.

Resolved NRSBU/2021/004

That the Nelson Regional Sewerage Business Unit

- 1. Receives the Chairperson's verbal report.***

Skinner/Tuffnell

Carried

7. Nelson Regional Sewerage Business Unit Quarterly Report

Document number R22683, agenda pages 9 - 150 refer.

General Manager Regional Sewerage and Landfill, Nathan Clarke, presented the report.

Mr Clarke answered questions about the Rabbit Island biosolid consent, a major pump failure at Beach Road, health and safety, the revised capital works programme 2021/22 including deferred items, odour complaints, contract renewals, and issues with inaccurate flow meters at Beach Road and Saxton Road catchments.

Senior Accountant, Andrew Bishop, presented the financial part of the report and answered questions about communication with customers about year-end charges, benefits and interest rates.

Resolved NRSBU/2021/005

That the Nelson Regional Sewerage Business Unit

- 1. Receives the report Nelson Regional Sewerage Business Unit Quarterly Report (A2588005) (R22683) and its attachments (A2588684 and A2588602); and***
- 2. Approves the following two documents for presentation to Nelson City Council and Tasman District Council:***
 - the updated draft Nelson Regional Sewerage Business Unit 2021 – 2031 Activity Management Plan (A2588684); and***
 - the draft Nelson Regional Sewerage Business Unit 2021/2022 Business Plan (A2588602) which includes a revised capital works programme and associated operational cost reductions as requested by both Nelson City and Tasman District Councils.***

Tuffnell/Skinner

Carried

Recommendation to Nelson City Council and Tasman District Council
NRSBU/2021/006

That the Council

- 1. Approves the 2021/2022 Nelson Regional Sewerage Business Unit Business Plan (A2588602) for inclusion in their Long Term Plans; and***
- 2. Approves the Nelson Regional Sewerage Business Unit Activity Management Plan 2021-2031 (A2588684) for inclusion in their Long Term Plans.***

Skinner/McGurk

There being no further business the meeting ended at 2.12p.m.

Confirmed as a correct record of proceedings:

_____ Chairperson _____ Date

Nelson Regional Sewerage Business Unit Long Term Plan Submission Feedback Report

1. Purpose of Report

- 1.1 To summarise submissions made by members of the public in respect to the Nelson Regional Sewerage Business Unit (NRSBU) Activity Management Plan 2021 -2031 (AMP) as outlined in both the Nelson City Council (NCC) and Tasman District Council (TDC) Long Term Plans (LTPs) to assist the NRSBU in its deliberations.
- 1.2 To approve the Operational and Capital Budgets outlined in the NRSBU 2021 -2031 Activity Management Plan and NRSBU Business Plan 2021/22 Plans.

2. Summary

- 2.1 The NRSBU has prepared its AMP for inclusion in the NCC and TDC LTPs.
- 2.2 The AMP and its Operational and Capital budgets were approved by both NCC and TDC for inclusion in their respective Draft LTPs.
- 2.3 The Councils have publicly consulted on their LTPs and have provided feedback from the community to NRSBU for consideration.
- 2.4 The feedback from the community has been summarised and considered in this report.
- 2.5 The NRSBU must now deliberate on submissions and make decisions on whether to make any changes to the NRSBU AMP.

3. Recommendation

That the Nelson Regional Sewerage Business Unit

- 1. Receives the report Nelson Regional Sewerage Business Unit Long Term Plan Submission Feedback Report (R25839) and its attachment (A2634083); and***
- 2. Confirms the Operational and Capital budgets outlined in the Nelson Regional Sewerage Business Unit Activity Management Plan 2021-2031 (A2588684) and the 2021/2022 Nelson Regional Sewerage Business Unit Business Plan (A2588602).***

Recommendation to Nelson City Council and Tasman District Council

That the Nelson City Council and Tasman District Councils

- 1. Note that there are no changes to the 2021/2022 Nelson Regional Sewerage Business Unit Business Plan (A2588602) adopted to populate the Nelson City Council and Tasman District Council 2021 – 2031 Long Term Plans; and***
- 2. Note that there are no changes to the Nelson Regional Sewerage Business Unit Activity Management Plan 2021-2031 (A2588684) adopted to populate the Nelson City Council and Tasman District Council 2021 – 2031 Long Term Plans.***

4. Background

- 4.1 Operational Cost and Capital Cost increases for the Nelson Regional Sewerage System have been proposed.
- 4.2 The proposed Operational Cost increases are required to accommodate increased O&M contract costs, as well as increased depreciation and maintenance costs.
- 4.3 NRSBU prepared a Draft NRSBU AMP 2021-2031 that was submitted to NCC and TDC for feedback.
- 4.4 Feedback was received from both Councils and both Councils requested reduction and smoothing of CAPEX, and NCC requested a reduction in OPEX charges.

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- 4.5 NRSBU considered these requests and the Board adopted a Revised Draft Activity Management Plan which included the deferral of \$5 million CAPEX from the first five years of the AMP to the last five years of the AMP.
- 4.6 Consideration was given by NRSBU to reducing the operational costs but after consideration it was identified that this was not considered appropriate.
- 4.7 The revised Draft AMP included \$38 million over the 10-year AMP period for capital upgrades. The table outlining the proposed capital expenditure projects is shown in table 1 below.

Project	Capex	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31
Pump station overflow screens and monitoring systems	LoS	300									
Regional pipeline capacity upgrades	LoS	3720	2,470	2,150	2,000						
Pump and discharge pipework upgrades at pump stations	LoS		2,050	350	250						
Strategic review and seismic strengthening of PSs	LoS			50		100		500			
Flood protection of pump stations	LoS										
Storage at pump stations	LoS			50	50	110	100	1,000			
Saxton Road PS- land purchase for storage	Land						1,500				
Additional screening and duplicate grit trap at WWTP	LoS				50	500					
Hydraulic capacity upgrades at WWTP	LoS		80	1,500							
Power supply upgrades at Best Island and WWTP	LoS							500			
Aeration basin and clarifier capacity upgrade	Growth						500	1,500	3,000		
Design of system to remove algae from pond	LoS	20									200
Desludging ponds	LoS	400			25						
New technology assessments to meet Consent	LoS	50				50					
Design of sludge processing improvements at WWTP	LoS						50	50	200	500	500
Biosolids drying	LoS		100				50	250	250	1,000	
Odour and equipment upgrades at Rabbit Island	LoS	200		150							
Buffer storage at WWTP	LoS			25	200	1,000					
Ultrafiltration plant and re-use water pipework	LoS							150	100	1,050	2,000
UV disinfection for re-use water	LoS					50	500				
Best Island irrigation	LoS		100	50		250	500	1,500	1,000		
Bell Island irrigation and effluent re-use	LoS	110	50								
Rabbit Island Irrigation	LoS					25					500
Purchase and designate land for future Clockwise PS	Land									1,000	
Total LoS, growth and land driven capex upgrades	38,605	4,800	4,850	4,325	2,575	2,085	3,200	5,450	4,550	3,570	3,200

- 4.8 This revised draft NRSBU AMP was submitted to NCC and TDC for inclusion in their Draft LTPs.
- 4.9 NCC took the revised NSRBU Business Plan and AMP to the April NCC Infrastructure committee where they approved the proposed changes.
- 4.10 NCC and TDC have subsequently consulted on their draft LTPs and feedback have been received from their communities.
- 4.11 The LTP submissions from each Council have been forwarded to NRSBU for consideration.
- 4.12 Submissions were made by residents or on behalf of organisations or their members.
- 4.13 This report covers the main issues raised in submissions. A copy of all the submissions received is included in Attachment 1.

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- 4.14 Please note that all figures in the Submission Feedback Report are uninflated.
- 4.15 Recommendations are provided where a change to the proposal consulted on is suggested.
- 4.16 It is noted that NRSBU has made no response to submitters as these submissions were made to NCC and TDC and are being administered by the relevant staff within the councils.

5. Discussion

NCC Submissions

- 5.1 18 submissions were received which had some reference to the NRSBU.
- 5.2 Of the 18 submissions received 12 were in support of investment in wastewater infrastructure.
- 5.3 One submission indicated that Bell Island should not have a resource consent, and wanted wastewater removed from the ocean.
- 5.4 Two submissions requested a 100-year plan.
- 5.5 Two submissions requested not deferring the \$5 million in CAPEX.
- 5.6 One submission wanted biogas facilities at wastewater system and reuse of wastewater products.
- 5.7 Five submissions expressed support for land application of wastewater.
- 5.8 Three submissions supported consideration of climate effects and consideration of relocating Bell Island WWTP.
- 5.9 In reviewing the feedback in relation to the NRSBU submission, there were no submissions that expressed concern regarding the NRSBU charges. Most of the submissions supported the NRSBU spending or were concerned about the deferral of spending.
- 5.10 Key activities contained in the NRSBU AMP relating to the submissions received include:
 - Capacity increase, increased resilience, and improved maintainability for the NRSBU rising mains to accommodate growth.
 - Allowance for the development of additional wastewater application to land.
 - Allowance for improved emission management, including consideration of biogas production from sludge.
 - Reduction of emission production.

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- Ongoing reuse of biosolids as a fertiliser.

- 5.11 Following review of the NCC submissions it has been identified that there are no issues raised in submissions that have not been considered, and that the plan proposed addresses the bulk of the issues outlined in the submissions.
- 5.12 The most significant issue raised by submitters related to the deferral of \$5 Million capital expenditure. This topic was considered in detail during the preparation of the NRSBU AMP and was the subject of feedback from both NCC and TDC during feedback on the Draft AMP.
- 5.13 Following review of the NCC submissions it has been identified that there are no issues raised in submissions that have not been considered, and that the plan proposed addresses the bulk of the issues outlined in the submissions and no changes are proposed to the Capital and Operational Budgets.

TDC Submissions

- 5.14 NRSBU received five submissions from TDC submitters.
- 5.15 All five submitters were concerned about sea level rise and climate change effects on NRSBU. There was a clear concern about the level of Bell Island and the need to plan for future relocation of the Bell Island Facility.
- 5.16 Workshops held by NRSBU in the preparation of the Draft 2021- 2031 Activity Management Plan included discussion regarding the purchase of land for the future relocation of the Bell Island facility.
- 5.17 This was an item that staff recommended be considered for inclusion in the plan, but following workshop discussions the board concluded that due to the height of the facility above Mean Sea Level (~5m), the temporary bunding being installed at present as part of the pond desludging works, and Bell Island being protected from wave energy by Rabbit Island, that there was still some time available before these decisions were required.
- 5.18 The NRSBU considered that it would be appropriate to delay this decision to allow time for more certainty, due to the continually improving science regarding climate change and sea level rise.
- 5.19 The NRSBU therefore chose not to include an allowance for the purchase of an alternative site in the 2021-2031 NRSBU AMP.
- 5.20 Following review of the TDC submissions it has been identified that there are no issues raised in submissions that have not been considered, and that the plan proposed addresses the bulk of the issues outlined in the submissions and no changes are proposed to the Capital and Operational budgets.

6. Options

- 6.1 The NRSBU has the option to adopt the Draft AMP with no changes or Adopt the AMP with changes to better reflect the submissions made by Submitters. Officers recommend Option 1.

Option 1: Adopt the Draft AMP with no changes. Officers recommend this option.	
Advantages	<ul style="list-style-type: none"> • Gives clear guidance for the Staff to deliver the programme of works and allows this programme to be started at the commencement of the 2021-22 financial year. • Supports NRSBU meeting the obligations of its Memorandum of Understanding with NCC and TDC • Assists both Councils in meeting their requirements of the LGA.
Risks and Disadvantages	<ul style="list-style-type: none"> • May not fully satisfy some submitters that we have considered their submissions.
Option 2: Adopt the Draft Plan with changes to accommodate issues raised in submissions	
Advantages	<ul style="list-style-type: none"> • Demonstrates consideration of submitter concerns
Risks and Disadvantages	<ul style="list-style-type: none"> • Not adopting pose issues for the delivery of the plan and will require the revision of both NCC and TDC LTPs and additional approval processes to accommodate any changes to the CAPEX and OPEX charges. • Will create confusion for NRSBU and its staff on what the core programme of works is. • Will create further workload for NRSBU staff, which will further constrain their ability to deliver the current and proposed programme of works. • Creates issues for both Councils in meeting their requirements of the LGA.

7. Conclusion

- 7.1 The NRSBU has considered the submissions made by both NCC and TDC submitters, and has concluded that the submissions made, in general support the actions being undertaken by NRSBU and that there is no need to reconsider or make changes to the Activity Management Plan or Business Plan.

Item 7: Nelson Regional Sewerage Business Unit Long Term Plan Submission
Feedback Report

Author: **Nathan Clarke, General Manager Regional Sewerage and
Landfill**

Attachments

Attachment 1: A2634083 - NRSBU 2021- 2031 LTP Submission Summary [↓](#)

Important considerations for decision making	
1. Fit with Purpose of Local Government	<p>The NRSBU is a joint committee constituted pursuant to the provisions of Schedule 7 to the Local Government Act 2002 and contributes to the four Local Government well-beings of social, economic, environmental, and cultural.</p>
2. Consistency with Community Outcomes and Council Policy	<p>The NRSBU Business Plan and Activity Management Plan feeds into Nelson City and Tasman District Councils' 2021/22 Annual Plan and Councils' Wastewater Activity Management Plans 2021 - 2031.</p>
3. Risk	<p>This report refers to the NRSBU Business Plan and Activity Management Plan following LTP consultation by NCC and TDC. The risk of not approving the Business Plan and AMP is that this could delay the NCC and TDC in meeting their Local Government obligations.</p>
4. Financial impact	<p>The NRSBU 2021/22 Business Plan and AMP 2021 – 2031 reflects an increase in essential renewals expenditure and the commencement of the regional pipeline upgrade, and an outline of the development of the NRSBU assets over the next 10 years. This forms the basis for review of the financial impact on the Councils.</p>
5. Degree of significance and level of engagement	<p>The NRSBU is a Joint Committee of the two Councils and its activities are included in the Long Term Plans and Annual Plans of each Council. Consultation is undertaken by both Councils in the preparation and adoption of these plans.</p>
6. Climate Impact	<p>A key feature of the Business Plan and the Activity Management Plan is the inclusion of a long-term objective of greenhouse gas emissions with the commitment to measure and reduce greenhouse gas emissions from the facility and consideration about site location and retreat for vulnerable sites.</p>
7. Inclusion of Māori in the decision-making process	<p>No engagement with Māori has been undertaken in preparing this report but iwi have representation on the Board.</p>

8. Delegations

The Councils are agreed that the responsibility for all management and administrative matters associated with the NRSBU operation shall be with the Board, and in particular the Board shall without the need to seek any further authority from the Councils:

1. Operate a bank account for the Business Unit.
2. Comply with the Procurement Policy of the Administering Council.
3. Enter all contracts necessary for the operations and management of the Business Unit in accordance with approved budgets and the intent of the Business Plan.
4. Authorise all payments necessary for the operations and management of the Business Unit within the approved budgets and the intent of the Business Plan.
5. Do all other things, other than those things explicitly prohibited by this MOU or relevant statutes, that are necessary to achieve the objectives as stated in the Strategic Plan, Asset Management Plan or Business Plan approved by the councils.
6. Comply with the Health and Safety Policy and requirements of the Administering Council.

A2634083 NRSBU 2021-2031 LTP Submission Summary



Nelson Regional Sewerage Business Unit 2021 – 2031 LTP Submissions Summary

1. Purpose

- 1.1 This appendix collates the submissions made by members of the public in respect to the Nelson Regional Sewerage Business Unit (NRSBU) Activity Management Plan 2021 - 2031 as outlined in both the Nelson City Council and Tasman District Council Long Term Plans

2. Submissions

- 2.1 The submissions made to NCC and TDC are included in the follow to allow the NRSBU Board members to review the actual submissions as required.

3. Nelson City Council Submissions

28864 Stuart Walker

This submission raises a whole lot of questions not just the re-prioritisation of the capital programme. However, the submission indicates NRSBU should spend the money required at NRSBU and should not defer the \$5 million we have deferred.

Item 7: Nelson Regional Sewerage Business Unit Long Term Plan Submission Feedback Report: Attachment 1

A2634083 NRSBU 2021-2031 LTP Submission Summary

(2) Don't renew the Nelson North Waste Water Treatment Plant Consent ,but apply for an extension and start planning now for its closure and sending of all the City sewerage out to Bell Island.
(3) Atawhai Rising Main sleeving – it is part of 2 above .
(4) NRSBU Bell Is. Spend the required money .
Do not defer the \$5m and align with TDC.
I am appalled that both the Chair and his Deputy of Infrastructure voted to defer this money – before you have even heard our Submissions.

Staff Reports over the last decade should have INSISTED that Bell Is upgrading and maintenance should have been done before anything else in the City.
(5) Water and Waste water renewals. Good . Get on with it.

Please refer now to my Opinion Piece in the Nelson Mail of Feb 13th this year.

"Sewerage Ponds Need to Shift." (It is attached)

The Atawhai Rising Main needs to be sleeved urgently as part of the plan to close the Nelson North Sewerage Treatment Plant.

Planning should commence immediately to feed all the effluent that currently goes to Nelson North , back at least to Bell Island initially. This will be a major undertaking to pipe effluent from Nelson City either around the waterfront or over Bishopdale ,to Monaco. This will cost a HUGE amount of money.

(Later, a new Regional Sewerage Plant will have to be built on higher ground towards perhaps even Wakefield.)

28899 Robin Thorpe

Robin wants to future proof sewerage system to a high standard. Wants to consider climate change effects.

Nelson Sewerage Reticulations & Sewage Treatment:

Recent news releases with headings of "**Region's sewage treatment assets on the brink of collapse, councillors told**" and "**Sewerage ponds need to shift**" confirm the long standing unacceptable state of our sewerage system as well as the delays in dealing with possible future damaging effects of excessive tidal surges and, in particular, the climate change effects on both the Nelson North Wastewater Treatment Plant and the Nelson/Tasman Treatment Assets. A definitive, specialist report detailing estimated costs for fully future proofing, to a high standard, all sewerage reticulations and sewage treatment processes is needed. Some of this work needs to be done in conjunction with the Tasman District Council. Obviously if estimated costs to bring existing systems up to a high standard are substantial then rather than adopt a stopgap measure, until climate change eventually requires significant change, it may well prove more economical in the long run to go straight into full future proofing right away.

Library Precinct Redevelopment:

There are other much more essential, very expensive infrastructure projects that need to be undertaken before a new library can be justified, particularly under option one at \$46.3 million. Increases in rates must be kept to a reasonable level.

Also I don't agree that the proposed sites for the first four options warrant major expenditure because the locality will very likely become problematic when the effects of climate change eventually take hold.

Item 7: Nelson Regional Sewerage Business Unit Long Term Plan Submission Feedback Report: Attachment 1

A2634083 NRSBU 2021-2031 LTP Submission Summary

28862 Vanryk Ross

Believes we should be concentration on infrastructure and supports investment urgent need at Bell Island.

<p>Do you wish to speak at the hearing?</p> <p>Yes / No</p> <p>If you do not circle either, we will assume you do not wish to be heard. If you wish to present your submission at the hearing in Te Reo Māori or New Zealand sign language please include this information in your submission.</p> <p>Public Information: All submissions (including the names and contact details of submitters) are public information and will be available to the public and media in various reports and formats including on the Nelson City Council website. Personal information will also be used for administration relating to the subject matter of submissions. Submitters have the right to access and correct any personal information included in any reports, information, or documents.</p>	<p>Comments:</p> <p>I do not agree we should build a new library, we should be concentrating on infrastructure first. And about 3 yrs before library plans were announced there was talk about urgent need to sort the sewage ponds on Bell Island.</p>
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27043 Lesley Kuykendall

Plan to take treatment plants away from the ocean. Bell Island should not have a resource consent to keep operating. We know what happens to old landfills when the water erodes them.

NCC - Infrastructure Services	12. Solid Waste	<p>Plan to take treatment plants away from the ocean. Bell Island should not have a resource consent to keep operating. We know what happens to old landfills when the water erodes them.</p> <p>There needs to be a community, free way to get rid of green waste so it does not end up in the landfill. I believe about 50% of NCC carbon emissions are traced to the landfill.</p>
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27723; Jane Murray – NMDHB

Supports NRSBU projects

<p>Infrastructure Projects</p> <p>Consultation Document pg. 48-</p>	<p>NMH supports the follow key projects:</p> <ul style="list-style-type: none"> • Saxton Creek Upgrade- Stage 4 • Maitai Flood Mitigation • Water Supply and Wastewater Renewals • Nelson Regional Sewerage Business Unit • Nelson Wastewater Treatment Plan Resource Consent • Atawhai Rising Main Renewal 	<p>Support</p>
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Item 7: Nelson Regional Sewerage Business Unit Long Term Plan Submission Feedback Report: Attachment 1

A2634083 NRSBU 2021-2031 LTP Submission Summary

Solid Waste Activity Summary pg. 49-54	<p>NMH supports the Council's priorities</p> <ul style="list-style-type: none"> Working with the construction industry to encourage the diversion of material from landfill and the deconstruction of buildings rather than demolition. Continuing to support effective domestic recycling through kerbside collection and through advocacy with government. Replacing inner city street litter bins with solar powered bins to reduce collection frequency, collection vehicle emissions and traffic disruption. Implementing collection of kitchen waste at kerbside for composting <p>NMH would like to continue to work together on waste management issues including strategies to reduce the amount of waste produced by the health sector.</p>	<p><i>Support:</i> <i>Recommendation:</i> NCC and NMH continue to work together on strategies to reduce health sector waste</p>
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27604; Mrs Susan Corry

Supports Wastewater upgrades

<p>INFRASTRUCTURE</p> <p>Yes I support all the renewal and upgrade work proposed for stormwater, water, wastewater etc as these are essential services and essential council functions.</p> <p>I believe the Council staff probably know best about what is most essential what is not.</p> <p>Having said I think the debt should be kept down a bit, let the experts decide what can be kept, what can be dropped or moved out a bit, while still meeting the necessary requirements for a good operating system.</p>
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28361 Ms Diane Baker

Essential services to be looked after both now & in the future

NCC - Infrastructure Services	03. Wastewater	Essential service to be looked after both now & in the future
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28374 Mr Peter Taylor

Supports proposed spending on Regional Sewerage and Bell Island

<p>3. Key Issue - Infrastructure</p> <p>Support: Councils proposed infrastructure spending on waste water, roading etc.. In particular to maintain and upgrade services to existing areas where necessary.</p>
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28425 Mr Mathew Pemberton

Supports investment in 3 waters infrastructure.

<p>Planning future needs in the urban environment.</p> <p>A focus on improving 3 waters infrastructure.</p>	<p>Sufficient consideration of climate change impacts on 3 waters infrastructure.</p>
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28505 Mrs Rachel Ward

Supports investment in 3 waters infrastructure.

Planting more trees in the urban environment.	
A focus on improving 3 waters infrastructure.	Sufficient consideration of climate change impacts on 3 waters infrastructure.

28572 Colin and Jeni Bell

Support Councils wastewater priorities.

Infrastructure Projects
Wastewater, water supply and stormwater projects

- Support Council's priority for these.

28619 Ellie Young

Supports Wastewater funding

5. Funds required for the three waters (water supply, wastewater and flood protection) are supported, as these are essential for human survival health.

28732 Paul Matheson

Tahuna Business and Citizens Association– Believe imperative investment be made in Bell Island, and supports planning for relocation of bell Island WWTP, and supports discharge to land.

<p>INFRASTRUCTURE (Page 47)</p> <p>TBCA supports the Infrastructure strategy. We believe that without good infrastructure the city will stagnate - Infrastructure are the 'veins' of the City.</p>
<p>We note the programme of work to upgrade the storm water infrastructure in Mount street and wish to highlight the need for urgent attention to the problems of storm water on the Tahunanui hills.</p> <p>TBCA is concerned to learn that Council has deferred spending on the Nelson Regional Treatment Plant at Bell Island once again. Making this decision before consultation is in our view making a mockery of Council's consultation processes. We believe the Regional Treatment Station has had funding deferred so often over the last few years that it is imperative that investment is made now.</p> <p>Any overflow into the Estuary will have a disastrous effect not only on the Estuary but also on the recreational Beach and the businesses and community that use it. We have in the past experienced Beach closures during peak holiday times.</p> <p>In our view Council needs to review its decision to defer such work.</p> <p>TBCA contends that in the light of future sea level rise, planning should be underway now to relocate both Sewage Treatment Plants to inland sites near forests so that treated water can be used to irrigate the forests rather than being discharged directly into the sea.</p>

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28738 Debs Martin – Forest and Bird

Supports land disposal of wastewater.

NCC - Infrastructure Services	02. Water Supply		<p>These comments also relate to subjects 03 and 04.</p> <p>We need a sensible paradigmatic shift with regards to our use, management and disposal of water.</p> <p>Significant investment should be made in considering alternatives to using potable water for gardens, grey water, and for use in toilet systems. Greater investment should be made into looking into alternatives for disposal of different water systems, alternative toilets that don't use water and dispose of waste in ways it can be composted or renewed. There is significant opportunity for us to turn around the "waste" aspect of water, reducing the need for ever increasing amounts, using it sensibly and safely, but not using it where we don't need to.</p> <p>Is it time in this LTP to flag research into that area, rather than more of the same. It disappointed me to see an expectation of shifting waste treatment into the North Nelson area. Where would it go - seriously?</p>
NCC - Infrastructure	03. Wastewater		Please see 02.

28769 Aaron Stallard – Zero Carbon Nelson

Wants an Emission Dashboard, supports the development of a 100yr plan.

We ask for transparency on the emissions profile of NCC and Nelson overall. To this end, we ask for an **online emissions dashboard** on NCC's website that provides graphical representations of annual emissions data by sector (e.g., transport, energy, waste) and by gas type (e.g., carbon dioxide, methane), and shows targets. This way, anyone can check on progress in achieving our goals.

Wastewater

We support renewal of the North Nelson sewage treatment plant and Atawhai Rising Main, and encourage the plan to move this facility inland before it is overtopped and discharges waste into marine areas.

We ask Council to develop a **100 year plan for key infrastructure** such as sewage treatment facilities (including Bell Island).

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28777 Aaron Stallard

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We ask Council to develop a **100 year plan for key infrastructure** such as sewage treatment facilities (including Bell Island).

28668 Peter Olorenshaw

Supports biogas production and Recovery and reuse of wastewater products on land.

2.12 Biogas Sewerage Plant Nelsons' current sewerage systems are low lying and vulnerable to climate change, plus are inappropriate from a cultural perspective with the discharge to water. So I suggest we need to bite the bullet and spend the \$40million saved from not building a new library on land based Biogas sewerage treatment that is set up to produce biogas and then after that to deal with the effluent that comes out of that process (dewatering and turning into a fertiliser to go back onto the land). This might mean that currently what goes into the drains would have to be curtailed - nothing potentially poisons like hair dye, bleach, antibiotics etc would have to be dealt with by the producers of this waste in some other way.

28859 Ian Armstrong Black – Supports Investment at Bell island

There is need for long term land based waste treatment to replace Bell's Island – surely this is higher priority than a new Super Library.

28029 Esmae Emerson

Supports investment in Infrastructure

Infrastructure

Replacing and upgrading our ageing water supply, waste water and stormwater facilities is a sine qua non for Nelson. Infrastructure is fundamental and possibly the most important of Council's responsibilities.

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4. Tasman District Council Submissions

28474 –Nelson Climate Forum

Supports focus on improving three waters infrastructure including climate considerations.
Want to identify vulnerable infrastructure (and relocate as required)

Address methane emissions from landfill	Addressing methane emissions from landfills through organic food collection, encouraging reuse of products, waste reduction community grant, and supporting enviroschools.		Identify and prioritise activities to reduce emissions from ... Council operations (e.g. methane from Eves Valley landfill) .	Specific programmes for reducing organic waste to landfill (e.g. organic waste collection from food production and processing industries).
Reduce waste to landfill	<p>Continued implementation of the Joint Waste Management and Minimisation Plan.</p> <p>The new Rethink Waste programme has started to deliver workshops and activities in the community to encourage the minimisation of waste.</p> <p>\$491 million allocated for investment into infrastructure, a small proportion of that for solid waste related projects.</p> <p>Continuance of Second hand Sunday to promote re-use.</p> <p>Increase in landfill fees provides more incentive to divert waste from landfill.</p>		<p>Continued implementation of the Joint Waste Management and Minimisation Plan and programmes to support waste reduction (TCAP action 1(a)(vix)).</p> <p>Continuance of Second-hand Sunday to promote re-use.</p>	
Improve resilience of 3 waters infrastructure	A focus on improving 3 waters infrastructure.	Sufficient consideration of climate change impacts on 3 waters infrastructure.	A focus on improving 3 waters infrastructure ⁹ .	Sufficient consideration of climate change impacts on 3 waters infrastructure.

28079: Name Not Supplied

Planning on shifting the current Tasman / Nelson sewage treatment/ ponds to higher ground should be given some priority and the restricting of building on flood prone areas. Shifting our water pumping to higher ground would ensure sea level rises will not interfere with our water quality and would allow pumping from the confined aquifer at considerable lower nitrate levels.

28950: Name not supplied

Council also needs to consider other sites for its sewage treatment plants, currently far too close to sea level. Tsunami are another threat that present low lying developments are ignoring.

27710: Name not supplied

Sewerage treatment is virtually at sea level in most areas?

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28171: Name not supplied

While climate change may be seen as a priority at this point i would suspect that we should be focusing on the recovery of a rupture of SI Fault Line - airport unusable - what is plan B - Port- unusable - what is plan B - roads in and out unusable - water disabled -sewerage - suspect Bells Island under water - plan B - electricity unusable - 2-3 days before supply restored to Nelson Focus should be on immediate uses to Tasman within 50 years. And by the way the so called science is far from settled.