



TE KAUNIHERA-Ā-ROHE O TARATAHI  
**CARTERTON**  
DISTRICT COUNCIL

# **AGENDA**

## **Infrastructure and Services Committee Meeting**

**Date: Wednesday, 7 April 2021**

**Time: 8:30am**

**Location: Carterton Events Centre  
50 Holloway Street  
Carterton**

Chair R Keys

Deputy Chair B Deller

Mayor G Lang

Cr R Cherry-Campbell

Cr S Cretney

Cr R Stockley

Iwi Representative R Smith



**Notice is hereby given that an Infrastructure and Services Committee Meeting of  
the Carterton District Council will be held in the Carterton Events Centre, 50  
Holloway Street, Carterton on:  
Wednesday, 7 April 2021 at 8:30am**

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## **1 KARAKIA TIMATANGA**

*Mai i te pae maunga, raro ki te tai*

*Mai i te awa tonga, raro ki te awa raki*

*Tēnei te hapori awhi ai e Taratahi.*

*Whano whano, haramai te toki*

*Haumi ē, hui ē, tāiki ē!*

## **2 APOLOGIES**

## **3 CONFLICTS OF INTERESTS DECLARATION**

## **4 PUBLIC FORUM**

## **5 CONFIRMATION OF THE MINUTES**



### **5.1 MINUTES OF THE INFRASTRUCTURE AND SERVICES COMMITTEE MEETING HELD ON 11 NOVEMBER 2020**

#### **1. RECOMMENDATION**

1. That the Minutes of the Infrastructure and Services Committee Meeting held on 11 November 2020 are true and correct.

**File Number:** 125432

**Author:** Casey Spencer, Democratic Services Coordinator

**Attachments:** 1. Minutes of the Infrastructure and Services Committee Meeting held on 11 November 2020

**MINUTES OF CARTERTON DISTRICT COUNCIL  
INFRASTRUCTURE AND SERVICES COMMITTEE MEETING  
HELD AT THE CARTERTON EVENTS CENTRE, 50 HOLLOWAY STREET, CARTERTON  
ON WEDNESDAY, 11 NOVEMBER 2020 AT 8.30AM**

**PRESENT:** Chair Russell Keys , Deputy Chair Brian Deller, Mayor Greg Lang, Cr Steve Cretney, Cr Rob Stockley, Cr Robyn Cherry-Campbell

**IN ATTENDANCE:** Cr Jill Greathead, Jane Davis (Chief Executive), Dave Gittings (Infrastructure, Services and Regulatory Manager), Gerry Brooking (People and Wellbeing Manager), Carrie Mckenzie (Community Services Manager), Tony Pritchard (Asset Engineer), Selwyn Osborne (Water Supply and Reticulation Manager), Clinton Thompson (Parks and Reserves Manager), Matt Chapman (Projects and Contracts Officer), Casey Spencer (Democratic Services Coordinator)

**1 KARAKIA TIMATANGA**

The meeting was opened with a Karakia lead by Cr Robyn Cherry-Campbell.

**2 APOLOGIES**

There were no apologies received for this meeting.

**3 CONFLICTS OF INTERESTS DECLARATION**

There were no conflicts of interests declared.

**4 PUBLIC FORUM**

Carterton resident, Neil Hickland, addressed the Committee with regards to the district's weeds, drains and hedges. He wanted clarification of who is responsible for maintaining these. He also requested consideration to restrict the height of the trees in the District.

**5 CONFIRMATION OF THE MINUTES**

**5.1 MINUTES OF THE INFRASTRUCTURE AND SERVICES COMMITTEE MEETING HELD ON 9 SEPTEMBER 2020**

**MOVED**

That the Minutes of the Infrastructure and Services Committee Meeting held on 9 September 2020 be received and the recommendations therein be adopted.

Cr Robyn Cherry-Campbell / Cr Rob Stockley

**CARRIED**

## **6 REPORTS**

### **6.1 UPDATE ON THE COUNCIL'S POTABLE WATER PROJECTS**

#### **PURPOSE**

For the Committee to be updated on Council's potable water programmes.

#### **MOVED**

That the Committee:

**Receives** the report.

**Notes** the potable water activities currently being undertaken.

Deputy Chair Brian Deller / Mayor Greg Lang

**CARRIED**

### **6.2 PARKS AND RESERVES ACTIVITIES**

#### **PURPOSE**

For the Committee to be informed of the activities of the Parks and Reserves for the period up to November 2020, going forward, expected outcomes, benefits and impacts.

#### **MOVED**

That the Committee:

**Receives** the report.

Cr Robyn Cherry-Campbell / Cr Steve Cretney

**CARRIED**

### **6.3 WATER SUPPLY AND RETICULATION ACTIVITIES**

#### **PURPOSE**

For the Committee to be informed of work carried out by the reticulation team.

#### **MOVED**

That the Committee:

**Receives** the report.

Deputy Chair Brian Deller / Cr Rob Stockley

**CARRIED**



#### **6.4 CARTERTON WASTEWATER TREATMENT PLANT UPGRADE PROJECT**

##### **PURPOSE**

For the Committee to be advised of progress with the Wastewater Treatment Plant Upgrade Project.

##### **MOVED**

That the Committee:

**Receives** the report.

Cr Robyn Cherry-Campbell / Cr Steve Cretney

**CARRIED**

#### **6.5 ASSET ENGINEER AND SPATIAL SERVICES REPORT**

##### **PURPOSE**

The purpose of this paper is to advise the committee of the activities of the Asset Engineer and other associated project management for the period of September to October 2020.

##### **MOVED**

That the Committee:

**Receives** the report.

Cr Steve Cretney / Deputy Chair Brian Deller

**CARRIED**

#### **6.6 EVENT CENTRE ACTIVITIES REPORT NOVEMBER 2020**

##### **PURPOSE**

For the Committee to receive a report on the Event Centre activities.

##### **MOVED**

That the Committee:

**Receives** the report.

Cr Robyn Cherry-Campbell / Cr Rob Stockley

**CARRIED**

**6.7 TRAILS AND CYCLING ACTIVITIES****PURPOSE**

For the Committee to receive the report on activities for Trails and Cycling.

**MOVED**

That the Committee:

**Receives** the report.

Deputy Chair Brian Deller / Cr Steve Cretney

**CARRIED**

**7 KARAKIA WHAKAMTUNGA**

The meeting was closed with a Karakia lead by Cr Rob Stockley.

**The Meeting closed at 9:17am.**

**Minutes confirmed:** .....

**Date:** .....

## 6 REPORTS



### 6.1 UNSEALED ROAD DUST NUISANCE

#### 1. PURPOSE

For the committee to consider options for the suppression of dust on unsealed roads, using Borlase Road as an example.

#### 2. SIGNIFICANCE

The matters for decision in this report are not considered to be of significance under the Significance and Engagement Policy.

#### 3. BACKGROUND

At the Ordinary Council meeting held on 17 March 2021, a member of the public spoke to Councillors, using public forum, to request that the Borlase Road surface be treated in a way that would reduce or eliminate dust. The dust is created from trucking movements involved in the gravel extraction currently being undertaken by a commercial entity at the end of Borlase Road from the Waiohine River.

Other rural, unsealed roads have also in recent times caused dust nuisance which have been reported to the Council.

The Council currently does not have a seal extension programme in place. Where traffic counts rise significantly on unsealed roads the Council's roading improvement programme includes those roads for sealing.

#### 4. DISCUSSION

The most effective option for reducing dust nuisance on roads is to seal the road. The sealing of unsealed roads with chipseal (the cheapest option) is estimated to cost in the vicinity of \$400,000 per kilometre (including drainage improvements and possible widening to meet standards). This is further based on the assumption that the sub surface of the road is already suitable to take the loads created by truck movements.

Alternatively, in the market there are some spray-on bio-oil based products that assist in dust reduction. The best options on the market at present appear to be from the company called the Western Group. The products are called Dust-Down and Road X2. Product brochures are in **Attachments 1 and 2**.

The spray-on alternative is estimated to be around \$6,000 - \$7,000 per kilometre (including probably application costs) but the longevity of the product depends on

environmental conditions, number, and weight of truck movements. It is likely to last up to six months.

Borlase Road is approximately 400m before it meets Waihakeke Road. This would translate into an approximate cost of chipseal of \$160,000. The spray-on alternative will cost in the order of approximately \$4,000 per year, including application costs. While this cost appears to be a relatively small, if this dust suppression was extended to all the unsealed roads in the District that are dusty then the cost of applying suppressant each year could be very high.

## **5. LANDOWNER CONTRIBUTION**

When the request for sealing or treatment of Borlase Road was raised, a landowner contribution was mentioned.

In South Wairarapa where there a request for sealing made, the Council has in the past undertaken road sealing work where the landowner/s have contributed 75% to costs. The Council covers the other 25%. No NZTA co-funding would apply.

No such formal agreement presently exists within Carterton District Council.

## **6. OPTIONS**

### **6.1 Option 1**

The Council could continue applying the current approach to sealing roads, which includes consideration of levels of service and budget provisions as part of Ten Year Plan reviews and including sealing high volume unsealed roads in the improvements programme.

### **6.2 Option 2**

A bio-oil dust suppression system could be used and applied to roads, such as Borlase Road and other roads where residents request its application. This would likely happen towards the end of the calendar year when dust is most likely to be at its greatest (prior to the spring winds).

The Council would need to develop a policy and carry out an assessment of likely costs, before this option was confirmed.

### **6.3 Option 3**

The Council could agree to review its approach to unsealed roads as part of the finalisation of the Ten Year Plan. This would include reviewing the roading levels of service provisions and budgets. This could include a budget provision for an ongoing sealing programme, with associated policy on sealing prioritisation.

This option is not recommended. The Council is currently consulting its community on a draft plan, and the community would have reasonably been expected to have been given the opportunity to provide feedback on the changes. As an alternative, the Council could delay such a review until the 2022-2023 Annual Plan.

## **7. NEXT STEPS**

If the Council would like to further investigate Option 2 a project will be established to develop a policy (including community consultation) and complete a more detailed costs assessment.

## 8. CONSIDERATIONS

### 8.1 Climate change

No climate change implications but of note is spray on bio-oil dust suppressant is advertised as environmentally friendly.

### 8.2 Tāngata whenua

N/A

### 8.3 Financial impact

Options 2 and 3 will both require additional budget provision to implement.

### 8.4 Community Engagement requirements

No community engagement is required as part of the decisions in this report. Community engagement may be required as the next steps.

### 8.5 Risks

Options 2 and 3 carry risks associated with the expectations of rural residents having their roads sealed. This risk would be quantified as part of any further policy development work.

## 9. RECOMMENDATION

That the Committee:

1. **Receives** the report.
2. **Notes** the dust issues with unsealed roads.
3. **Agrees** to continue with the status quo regarding the Council's approach to unsealed roads;

**or**

**Agrees** in principle to develop a policy and carry out a cost assessment of introducing a road dust suppressant policy, including consideration of a landowner contribution.

**File Number:** 125531

**Author:** Dave Gittings, Infrastructure, Planning and Regulatory Manager

**Attachments:**

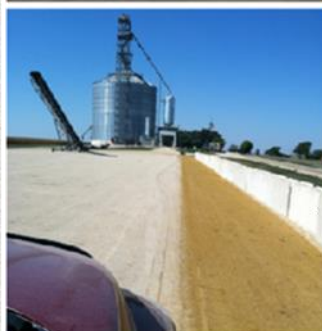
1. Dust-Down Brochure [↓](#)
2. Road-X2 Brochure [↓](#)

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The Good Oil

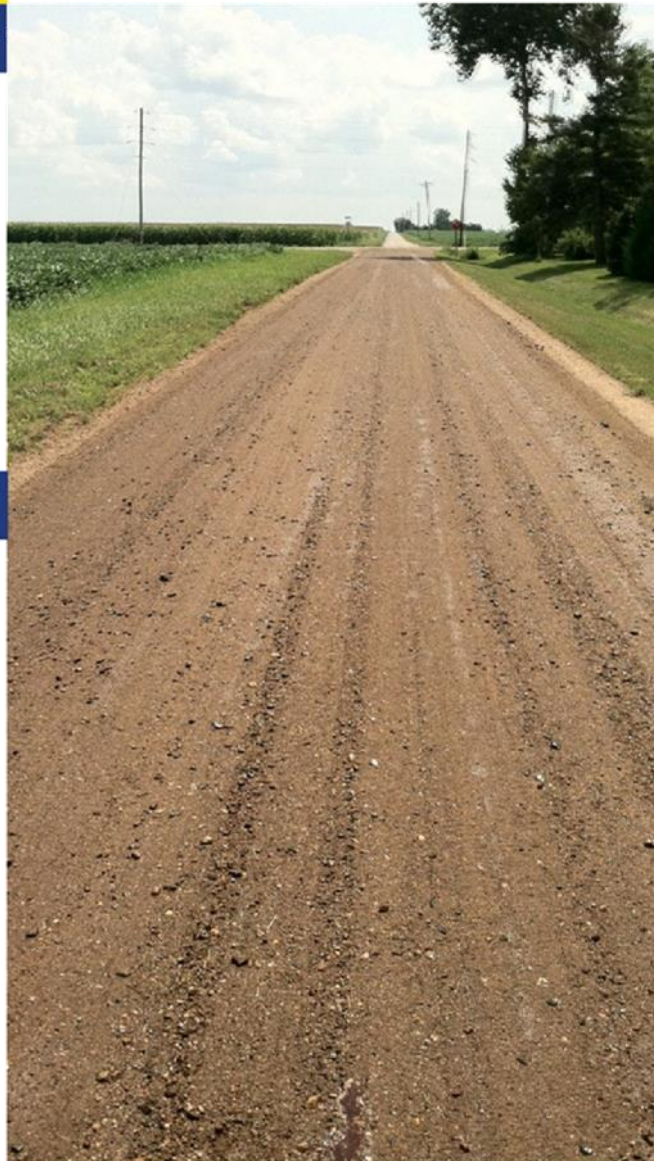
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## USES AND APPLICATIONS

- Unpaved roads
- Haul roads
- Industrial yards
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- Quarries
- Forestry roads
- Tracks and paths
- Driveways
- Horticultural & agricultural laneways

## ADVANTAGES

- Agriculturally derived Bio-oil
- Very environmentally friendly and sustainable
- Biodegradable and non-toxic to plants, animals or people
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- Reduces valuable gravel & fines loss
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- Reduce road maintenance requirements by helping to water proof the road surface and binding it tightly together
- Powerful liquid dust suppressant



## WESTERN GROUP STORY

Western Group provide the expertise, and products that help make roads safe, improve site and road stability, and keep dust nuisance, and maintenance costs, down. Our innovative, environmentally-friendly approach is tailored for civil and roading contractors, developers, construction, forestry, and the rural sector. We're focused on our clients' bottom lines, protecting infrastructure and allowing projects to move forward.

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High performing dust suppressant, Road-X2™, is a non-corrosive and environmentally friendly product that is much cleaner than Magnesium Chloride alternatives.

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# ROAD-X2™

Superior Dust Control.

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## ADVANTAGES & FEATURES

- Biodegradable & Non-Corrosive
- Eliminates Dust
- Safe for Humans, Animals & Vegetation
- Easy to Apply
- Reduces the Need for Regular Watering
- Works with On-Site Soils
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## USES & APPLICATIONS

Road-X2™ is the ideal environmentally friendly option for controlling dust on:

- Construction Sites
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- Industrial Yards
- Parking Lots
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- Walking Tracks



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Western Group provide specialist products and services to the Civil, Rural, Forestry and Mining sectors, as well as Environmental groups & Local Authorities. We search out the best products and work hard as a team to ensure no detail is overlooked. We're focused on our clients' bottom line, delivering projects in a timely, efficient and cost-effective way. By supplying and using only the very best products, we are committed to protecting infrastructure and giving every project the quality it deserves.

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## **6.2 RUAMĀHANGA ROADS REPORT**

### **1. PURPOSE**

For the committee to be updated on Ruamāhanga Roads activities.

### **2. SIGNIFICANCE**

The matters for decision in this report are not considered to be of significance under the Significance and Engagement Policy.

### **3. OPEX EXPENDITURE**

Expenditure reports below are set against the Waka Kotahi budget allocations and are for the period 1 July to 30 March.

#### **3.1 Sealed road pavement maintenance**

Maintenance expenditure is at 80% of full year budget allocation, which is very good compared to previous years' under spending. The focus is on completing the pre-seal repairs ahead of the 2021/2022 sealing programmed, and also on maintaining a safe network for road users.

#### **3.2 Unsealed road maintenance**

Maintenance expenditure is 71% in relation to the budget allocation and is on track for full spend by year-end. The dry summer period has impacted on the quality of grading over the summer mainly due to the lack of moisture in the unsealed pavements.

Aggregate has been placed on Puketiro Road due to pavement surface damage caused by logging operations. Grading will continue to protect the ride quality for users.

#### **3.3 Drainage maintenance**

Maintenance expenditure is 82% in relation to the budget allocation and is on track for full spend by year-end. Culverts are continuing to be inspected and asset data updated throughout the rural network along with side drain cleaning where necessary.

Mechanical street sweeping is being carried out on a cyclic basis and additional sweeping may occur following Autumn leaf fall.

Rural side drain spraying is programmed through March 2021.

#### **3.4 Structures maintenance**

Maintenance expenditure is 62% in relation to the budget allocation and even though the budget is relatively small, works including bridge inspections are being completed along with minor works on bridges and retaining walls. WSP consultants have carried out 31 general bridge inspections along with 17 Principal Inspections over the last 3 months. Waka Kotahi requires that general inspections are to be carried out every two years and principal inspections carried out every six years. This information will be used to build the next Infrastructure Strategy which may include a bridge replacement programme.

### **3.5 Environmental maintenance**

Maintenance expenditure is 67% in relation to budget allocation and with works in this category low over the summer period, a second mowing cycle is programmed for April along with spraying around sign, markers and bridge ends etc. There are slips and trees down expected to occur in the early winter months.

### **3.6 Traffic services**

Expenditure on traffic services is low at this time of the year (15% in relation to budget allocation) with the majority of the annual road marking happening in March and April.

The road marking expenditure equates to 75% of the budget, the balance being signage.

### **3.7 Footpath maintenance**

Footpath maintenance, which includes renewals, is at 119% of current budget. Only works that are a hazard to pedestrians are being carried out over the remaining period of the financial year. The overspend is due to a high level of unplanned emergency maintenance associated with trip hazards.

The over-spend will be managed by slight under spends in other maintenance activities.

## **4. CAPEX EXPENDITURE**

Expenditure reports are again set against the Waka Kotahi budget allocations.

### **4.1 Unsealed Road Metaling**

Metaling is at 15% expenditure in relation to the full year budget allocation. Heavy application of aggregate is programmed through April/May/June when conditions are more suited to the supply and placing of layers on unsealed roads.

Proposed programming will spend 100% of budget allocation by end of financial year.

### **4.2 Sealed road resurfacing**

Sealed road resurfacing is at 78% expenditure against the budget allocation.

There are two sites remaining to be completed: a section of Belvedere Road and a section of Kiwi Lumber Road. These are programmed for early April meaning a 100% completion of this year's programme.

The 2021/2022 programme is currently being finalised.

**4.3 Drainage renewals**

Drainage renewals is at 62% expenditure of the budget allocation. Culverts and kerb and channel are programmed to be renewed where condition affects the pavement and road user's safety.

**4.4 Pavement rehabilitation**

No budget has yet been spent for pavement rehabilitation. Works are underway on Park and Lincoln Roads with further works programmed for completion late April 2021.

**4.5 Traffic service renewal**

Traffic service renewal (i.e. signage) is at 54% expenditure of budget allocation. Sign supply is affecting this programme, but signs are being renewed when and where possible.

**4.6 Low Cost Low Risk**

The Low Cost Low Risk (LCLR) programme is at 15% of budget allocation. No tenders were received for the intersection improvements at the Parkvale Hall which has reduced the spend in this activity and will affect this year's financial spend in the LCLR allocations but can be rolled over to the following year for spend.

Works are programmed on Kaiwhata Road in the form of geometric improvements in May 2021.

Design works have been implemented for the following intersections in anticipation of safety improvements to be completed over the following years:

- Te Kopi Rd/Te Whiti Rd Intersection.
- Te Whiti Road/Admiral Rd intersection
- Longbush Rd/Millars Rd intersection.

**5. OTHER WORK**

The foreign owners of the forestry block toward the southern end of Craigie Lea Road have completed approximately \$200,000 of safety improvements on the road, ahead of their planned felling. This work, including vegetation removal, corner cutting and minor slip removal, is a requirement of the Overseas Investment Office investment approval.

**5.1 Speed review**

Waka Kotahi is nearing a start of the consultation phase of the State Highway speed review for the Wairarapa. Both Carterton and South Wairarapa Councils will be aligning their local roads speed review with this programme to make use of the transport agency's resourcing as much as possible.

A working group involving elected officials from both councils will be meeting regularly to provide a recommendation of what Council/s may consider for consultation. Carterton representatives are Councillor Keys (Chair of Infrastructure

and Services Committee) and Deputy Mayor Vergunst (Council's representative on the Road Safety Council).

## **5.2 Technical audit**

Waka Kotahi will commence its technical audit of Ruamāhanga Roads in the week starting 11th April 2021. The technical audit objective is to provide assurance that Waka Kotahi's investment in the Ruamāhanga Roads programme is being well managed with a focus on systems and procedures for delivery of transport outcomes. Field inspections will assess if there are gaps between plans and on-road performance while reviewing RAMM database and a comparison with other local authorities.

## **6. CONSIDERATIONS**

### **6.1 Climate change**

There is no known impact on climate change from this report.

### **6.2 Tāngata whenua**

N/A

### **6.3 Financial impact**

No impact on current allocated budgets.

### **6.4 Community Engagement requirements**

N/A

### **6.5 Risks**

There are no additional risks associated with this report.

## **7. RECOMMENDATION**

That the Committee:

1. **Receives** the report.
2. **Notes** the progress towards almost full implementation of the roading programme for the 2020-2021 financial year.

**File Number:** 125636

**Author:** Dave Gittings, Infrastructure, Planning and Regulatory Manager

**Attachments:** Nil



## 6.3 PARKS AND RESERVES ACTIVITIES

### 1. PURPOSE

For the committee to receive a report on activities of the Parks and Reserves Team.

### 2. SIGNIFICANCE

The matters for decision in this report are not considered to be of significance under the Significance and Engagement Policy.

### 3. BACKGROUND

The Parks and Reserves Team have adopted a business as usual work programme with on-going works and maintenance being completed. We are fortunate to be able to complete this work despite the fluctuating alert levels due to COVID-19.

### 4. RESERVES

#### Street Reserves

The street beds, hanging baskets and municipal gardens have provided a colourful display through the summer. They will be turned over to accommodate the winter season plants. Wallflowers, Pansy, Calendula, and Chrysanthemum will be the primary plants used this winter season.

The water level in the well at Memorial Square was under some pressure over the drought period in Summer and was struggling at times to complete a program of scheduled watering times. This has compromised the hanging basket display at the end of the summer season.

Many of the reserves have been weeded, sprayed and mulched, including those in Mill Grove, Carrington Drive and the Fiest Street walkway. The weed spraying program will be ongoing to maintain levels of service. Bio herbicide spraying and steaming will be the main methods used.

Street mowing will be ongoing to maintain levels of service, the grass has slowed but seed heads remain actively growing.

The Arborists have removed the trees that were causing trip hazards on Broadway (2 Albizzias and 1 Photinia) and the CBD reserve lawns will be sprayed with Versatill to control the infestation of invasive broadleaf species such as clover and Onehunga weed.

The clocktower reserve landscape renovation is due to start on the 19 April 2021. This work will occur with the assistance of the Carterton Lions.



**PARKS**

The steam machine will continue to be utilised to clean assets in the parks, including play equipment. The playing fields on Carrington and Howard Booth Parks are due to be fertilised with liquid seaweed-based fertilizer.

The Carrington Park frontage upgrade nears completion of hard asset installations with a remaining two picnic tables to be installed.

The security camera system has been upgraded with more cameras in Carrington Park. These provide more coverage and sharper images in order to identify issues and for increased safety. The summer has seen an increase in vandalism events in Carrington Park and the new cameras will be providing useful information for the Police to follow up on.

The tree damage at Sparks Park was monitored over the summer. The damaged specimen trees have made it through the summer with some displaying new growth on damaged limbs. A full picture of the ongoing impact on these trees will become clearer in spring when the new growth emerges.



Pathway development will continue at Carrington Park beside Carterton School and also at Howard Booth Park which will enhance the links and connectivity to other newly created pathways.

**CEMETERY**

Maintenance is ongoing in the cemetery and most young specimen trees were mulched and the shrubberies were mulched with amenity bark as well.

**RURAL RESERVES**

The temporary toilet and rubbish facilities placed at Gladstone Reserve have been very successful with no abuse of the recycle facility observed and the composting toilets have seen regular usage from reserve patrons.

The amenities were funded by the Governments' Responsible Camping Fund that Council was successful in obtaining, in order to provide facilities for freedom campers to prevent defecation and rubbish being issues in these areas.



The Cliffs reserve was a popular place for camping over summer with the new bin and recycle facilities being used well.

The welcome to Carterton District signs have been taken down to do some maintenance and refreshment.





**Nursery**

Seeds have been sown and pricking out will be an operational duty for March/April.

**5. CONSIDERATIONS****5.1 Climate change**

The addition of new paths at Howard Booth Park and Carrington Park will enhance walking and cycling and well-being opportunities for the community.

The ongoing use of the steam machine reduces our chemical footprint in all areas it is utilised.

The use of the locally manufactured Agrisea seaweed-based fertiliser on our parks eliminates the use of imported petrochemical based fertilisers.

**5.2 Tāngata whenua**

Tāngata whenua were engaged for advice on the clocktower landscape plan.

**5.3 Community Engagement requirements**

Community groups have engaged with the Parks and Reserves department, in particular Keep Carterton Beautiful Group (KCBG), whose ongoing engagement and contribution is valuable to our district.

**5.4 Financial impact**

All matters in this report are covered by existing budgets except the temporary rural reserve facilities as funding was applied for through the Tourism Development Grants Fund initiative- Responsible Camping.

The clocktower landscape project will be financed by existing parks budgets along with the support of Carterton Lions.

There could be positive financial impacts for businesses in our district by providing temporary ablution facilities at Gladstone Reserve which may encourage people travelling through the district to stay longer.

**6. RECOMMENDATION**

That the Committee:

1. **Receives** the report.

**File Number:** 125533

**Author:** Clinton Thompson, Parks and Reserves Manager

**Attachments:** Nil



## 6.4 WATER SUPPLY AND RETICULATION ACTIVITIES

### 1. PURPOSE

For the Committee to be informed of work carried out by the reticulation team.

### 2. SIGNIFICANCE

The matters for decision in this report are not considered to be of significance under the Significance and Engagement Policy.

### 3. DISCUSSION

As reported to the Carterton District Council Audit and Risk Committee on the 3 March 2021, just before Christmas 2020 at the Kaipaitangata Water Treatment Plant during a weekly routine potable water test, a positive E. coli count was detected. The sample in question was taken from water post Water Treatment Plant and before it enters the storage reservoirs. The plant was immediately shut down and the Frederick St water treatment plant supply switched on to supply potable water to the town. The Regional Public Health was notified, as per our water safety plan and daily water samples were taken from the same location plus samples within the water network and these forwarded to the laboratory for testing. This carried on for five days after the event and all samples came back clear.

Investigations were carried out to see what had caused the positive count and to date no answer can be found. The water plant operating controls were checked, as was the U.V Reactor plus an inspection carried out of the reservoirs as precaution.

Water storage reservoirs at the Frederick St Water Treatment Plant have also been drained and cleaned out as a precautionary measure.



A full report regarding the March E. coli events will be presented to Council as soon as available.

A new U.V.Reactor control cabinet has been installed at the Kaipaitangata Water Treatment Plant, this replaces the old unit which has reached its end of service life.

In January this year leak detection services carried out a water reticulation network inspection. The results uncovered a few minor leaks within the network plus a substantial leak at the entrance to Carter Court where a ball valve had rusted through. These were all repaired by the water reticulation team.

The leak detection survey is commissioned every two years.

Turbidity and chlorine analysers were also serviced and calibrated at both water treatment plants in February this year undertaken by Filtec with one of the chlorine analysers replaced. One of the chlorine analysers and two bore level transducers were also replaced.



The new bore 6 that was drilled at the Frederick St Water Treatment Plant has had a sleeve installed inside the casting to reduce turbidity. Test flows have shown improvements and this bore will eventually be connected to help supply the existing bores.

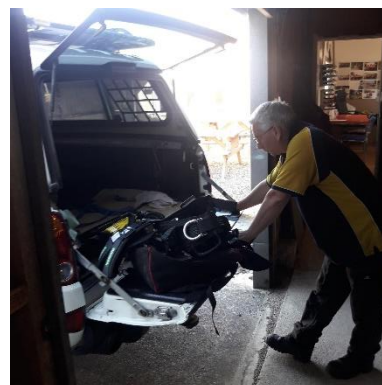
The reticulation team were kept busy doing a number of water repairs during the summer months and one in particular was at the motor camp where a water lateral broke. This was repaired within 1 hour of it being reported.

The new sewer jetter trailer unit is up and running and achieving very good results. This unit made quick work of a blockage at Carter Court last month.

Two new sewer & water connections were done by the water reticulation team last month and pump guide rails replaced at Brooklyn Rd wastewater pump station.

A new drainage sump was installed by reticulation team in the council yard last month as ongoing flooding issues have been arising during heavy rain deluges.

Annual testing of tripods, safety harnesses and chains was done by an approved contractor in February to be compliant.



**4. NEXT STEPS**

- Continue with upgrading of Frederick St Water Treatment Plant.
- Replacing water main on bridge crossings.
- Upgrading U.V Cabinet controller at Frederick St Water Plant.

**5. CONSIDERATIONS****5.1 Climate change**

None of the issues reported in this paper are considered to have climate change.

**5.2 Tāngata whenua**

No Impact.

**5.3 Financial impact**

All planned work is within allocated budgets.

**5.4 Community Engagement requirements**

No community engagement is required.

**5.5 Risks**

There are no identified with this report.

**6. RECOMMENDATION**

That the Committee:

1. **Receives** the report.

**File Number:** 124894

**Author:** Selwyn Osborne, Water Supply and Reticulation Manager

**Attachments:** Nil



## 6.5 WASTEWATER AND SOLID WASTE ACTIVITIES

### 1. PURPOSE

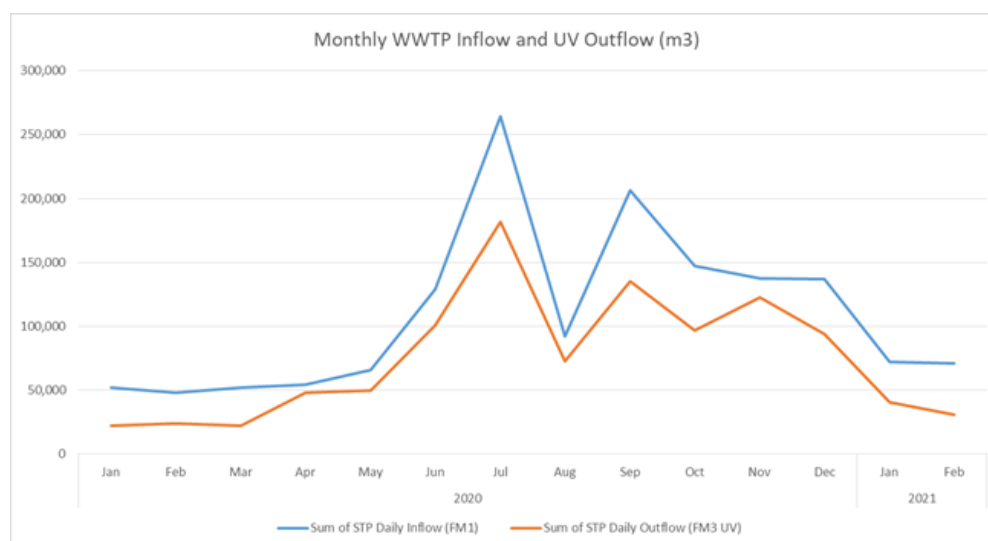
For the Committee to be informed and updated on Wastewater and Solid Waste operation.

### 2. SIGNIFICANCE

The matters for decision in this report are not considered to be of significance under the Significance and Engagement Policy.

### 3. WASTEWATER OPERATIONS

Irrigation to land has been occurring over summer, with limitations on the use of the irrigator while working around the construction site activities of the adjacent upgrade works. Daily flows into the plant for January and February have been slightly higher than last year's flows.



### 4. WASTEWATER FORWARD WORKS

The compound at the rear of the existing plant has been re-fenced, the old fence was a hasty arrangement built 20 years ago to protect the newly lined transfer pond from accidental ingress. The compound area will also be used to securely store Operations items required for maintenance.

The safety fencing along the existing intake race and the rotary screen will be raised to a safe height. The Wastewater Treatment Plant signage is being upgraded.

The plans to drain the clarifier at the Wastewater Plant to inspect the scrapers has been postponed again due to higher levels in the sedimentation ponds where we have been slightly limited with our irrigator usage.

Two cuts of silage have been made from the farm.

## 5. **SOLID WASTE**

At the Transfer Station, the previously angled wall has now been straightened allowing waste to be better channelled into the pit maximising storage capacity. Fortunately, the budget allocated to this work was stretched to include other repairs. Priority was given to the worse damage to steel columns, concrete nibs, and cladding. The cost of repairs amounted to \$71,320.00.



*During repairs*



*After repairs*

## 6. **CONSIDERATIONS**

### 6.1 **Climate change**

This report does not specifically have impacts from climate change or present any mitigation measures.

### 6.2 **Tāngata whenua**

This report does not impact on any current decision making.

### 6.3 **Financial impact**

This report does not have any financial decision-making implications.

### 6.4 **Community Engagement requirements**

This report does not have any community engagement requirements.

### 6.5 **Risks**

There are no apparent risks associated with this report.

## 7. **RECOMMENDATION**

That the Committee:

1. **Receives** the report.

**File Number:** 125488

**Author:** Tony Pritchard, Asset Engineer

**Attachments:** Nil





## 6.6 CARTERTON WASTEWATER TREATMENT PLANT UPGRADE PROJECT

### 1. PURPOSE

The purpose of this paper is to advise the Committee of progress with the Wastewater Treatment Plant Upgrade Project.

### 2. SIGNIFICANCE

The matters for decision in this report are not considered to be of significance under the Significance and Engagement Policy.

### 3. WASTEWATER TREATMENT PLANT UPGRADE

We are getting closer to completion of the Wastewater Treatment Plant upgrades with the lining of the three large ponds nearing completion. This is scheduled to be completed by the end of the month although the work is, and has been, heavily weather dependant. Even a gentle wind or rain can delay the preparation or installation. While we wait for the lining to be completed, the pipework, pumps, and electrical work that connect the ponds from the treatment plant and those allowing the treated water out of the ponds is continuing. The earthworks to flatten out the ground for the new centre pivot is complete with construction work of the ponds and most of the pipework being completed by midway through this year.

### 4. DETAILED PROGRESS

Below (Figure 1) is a recent aerial photo of the reservoir's progress photographed on 24 March 2021 showing the completed earth dam and the three ponds partially lined.



*Figure 1: Southern Dam Wall near completion*

Since the previous report in 9 September 2020, construction teams have been working on preparing the liner receiving surface, installing lining, pressure testing pipework and, building the concrete outlet structures (Figure 2). An ongoing challenge has been consistently achieving an ultra-high-quality liner receiving surface for the new liner to be laid upon. Vikiing the specialist lining company working closely with CHB to achieve the necessary surface properties for the receiving surface.



*Figure 2: Finishing the concrete works*

### **PIPELINES AND PUMPS**

Much of the pipework has been installed up to the new reservoirs and due to delays to completing the reservoirs this next stage of works could not start. From next month Ordish and Stevens will commence installing the pipework into and out of the ponds then continue through the year installing pump chambers, pipework, pumps, electrical and controls that connect with the existing treatment plant. Filling of the new reservoirs and commissioning and testing of the new upgrade will run through 2022.

### **EPHERMAL CHANNEL RELOCATION WORKS**

Relocation of the channel and leveling fully completed and the soils are currently being conditioned, see figure 3.





Figure 3: Soil Conditioning

## 5. CONSIDERATIONS

### 5.1 Climate change

N/A

### 5.2 Tāngata whenua

Representatives of Kahungunu and Rangitane Iwi are on the project's advisory group. No further engagement with tāngata whenua is required at this time.

Reservoirs discharge is being discussed with Ngāti Kahukuraāwhitia.

### 5.3 Financial impact

All financial reporting is to the Wastewater Treatment Plant Upgrade Governance Group.

### 5.4 Community Engagement requirements

Opportunity for the council to engage with the local community at site open days.

### 5.5 Risks

Risks are reported and reviewed at the Wastewater Treatment Plant Upgrade Governance Group.

## 6. RECOMMENDATION

That the Committee:

1. **Receives** the report.

**File Number:** 125534

**Author:** Matt Chapman, Projects and Contracts officer

**Attachments:** Nil





## **6.7 ASSET ENGINEER AND SPATIAL SERVICES**

### **1. PURPOSE**

The purpose of this paper is to advise the committee of the activities of the Asset Engineer and other associated project management for the period of October to April 2021.

### **2. SIGNIFICANCE**

The matters for decision in this report are not considered to be of significance under the Significance and Engagement Policy.

### **3. RENEWALS**

The 500m of A/C water mains currently being renewed by Higgins in Rhodes Street has been delayed by a section of pipe that is required under the rail crossing. We have been awaiting a standover permit from KiwiRail that has now been confirmed for mid-April. The majority of the new water main has since been constructed.

The first stage of the High Street South wastewater mains renewal has been placed on Tenderlink for tender. The first stage is from High Street South to the treatment plant entry on Dalefield Road. The closing date for this tender is the 27 May 2021. Stimulus funding was allocated for this stage of the renewal from the Three Waters Reform Programme.

The construction of two 2000m<sup>3</sup> reservoirs on Council Land at Dalefield Road have also gone out for tender. The tender is for the reservoirs themselves with the pipework and booster pump and 'pH' circulation system to be undertaken by in-house resources and GVE. The closing date for this tender is the 30 March 2021. There is stimulus funding allocated for this project from the Three Waters Reform Programme.

### **4. SPATIAL – GIS (GEOGRAPHIC INFORMATION SYSTEMS)**

A visit was made with the Whanagnui District Council to view their E-Plan and associated E-Map systems that they use to provide data for and from their District Plan. They have gifted the National Policy Statement compliant symbology files for spatial layers standards that they had previously created, for us to use in our reviewed Combined Wairarapa District Plan.

A Horizons Regional Council seminar was attended by the GIS Officer from Masterton District Council and Carterton District Council's asset engineer, where

we presented a talk to the seminar on a bathymetry survey tool the two Wairarapa officers had developed for the measurement of sedimentation in ponds.

An open source GIS software Hub seminar was attended in Wellington last November. And the Wellington area group for GIS was attended in January.

An Engineering Student was employed from mid-November until early February for a variety of tasks, including data collection for the location of public lighting for the 'dark-sky' project, our park signage, and updates for the street trees database etc. The Student also undertook site inspections for the wastewater treatment plant upgrade.

## **5. RESOURCE AND BUILDING CONSENTS**

Twenty-six resource consents involving applications for 186 Lots, and 71 building consents applications were reviewed for conditions applying to the provision of Council utility services and roading requirements since the last Infrastructure and Services Committee meeting in November 2020.

## **6. PLANT AND EQUIPMENT**

The transport trailer purchased for the movement of the small diggers and mowers has been delivered has been placed into service.

A replacement compact tractor with mower deck has been supplied and is used at the cemetery, whilst the old cemetery tractor has been relocated to the wastewater plant, with that tractor (the oldest one) coming up to the yard.

Three trailers are being disposed of, the old compressor, the parks tandem, and the old operations jetter trailer. Two through an online auction site, and the jetter through an auction company.

The consideration for the replacement of the 7t 1997 Hino truck has been deferred by five years for a variety of commercial and sensitivity reasons. The current economic climate, low kilometres travelled and the cost for a replacement were the determining factors in deferring replacement. A general tidy-up is all that will be required to stretch out the useful life of the vehicle for a further five years. This has allowed us to consider expenditure on a tractor with mower and a RTV for the increased maintenance areas of the upgraded wastewater treatment plant. These two items of plant are being priced for purchase.

The new water jetter sourced from Kerrick NZ was put into service in December and has delivered some impressive results in its first few outings.

Safety inductions were given to all Council Staff likely to be using any of the new equipment and attachments prior to use.

## **7. CCTV - COUNCIL AND PUBLIC UPGRADE**

The upgrade of the CCTV cameras on Council properties and within public spaces is progressing, there have been 31 cameras replaced or upgraded, along with a new operating system available for Council Officers as a phone app for the areas of the Council business that they maintain. The public facing cameras for the CBD and

Carrington Park has been offered to Police, and the technical side of this connection to the cameras is being considered for their access.

## **8. CONSIDERATIONS**

### **8.1 Climate change**

This report does not specifically have impacts from climate change or present any mitigation measures.

### **8.2 Tāngata whenua**

This report however does not impact on any current decision making.

### **8.3 Financial impact**

This report does not have any financial decision-making implications.

### **8.4 Community Engagement requirements**

This report does not have any community engagement requirements.

### **8.5 Risks**

There are no apparent risks associated with this report.

## **9. RECOMMENDATION**

That the Committee:

1. **Receives** the report.

**File Number:** 125479

**Author:** Tony Pritchard, Asset Engineer

**Attachments:** Nil



## 6.8 EVENT CENTRE AND FACILITIES UPDATE

### 1. PURPOSE

For the committee to receive a report on activities for the Carterton Events Centre and council facilities management.

### 2. SIGNIFICANCE

The matters for decision in this report are not considered to be of significance under the Significance and Engagement Policy.

### 3. EVENT CENTRE

We are currently in the process of recovering and adding foam to our auditorium seats and at this stage have had eighty out of three hundred and seventy completed. We have received great feedback related to the improved comfort of the seats. At this stage, we would plan on renewing them every ten years.

The auditorium's 'Allan & Heath' sound system power supply failed in January and was replaced for a time by an analogue system which was fortunately repairable. This is extremely positive as we would have had to replace the whole system at considerable cost, instead the repairs are expected to cost approximately \$1,500.

As the Events Centre enters its tenth year of operations, we are monitoring the carpet tiles for signs of visible wear and tear in the busier parts of the building. We have decided that most areas are still quite acceptable and can probably wait for a few more years before replacement.

The auditorium floor is also due for refurbishment and we have budgeted to have that done early 2022. Flooring Specialists are being sought at the moment to quote on this work.

We are also looking at reconfiguring the auditorium pit as part of this process. In the original build it was not finished satisfactorily as there was a dispute between contractors. We are hoping to make it a less laborious task to utilize it as part of the refurbishment.

Our auditorium drapes are being treated with fire retardant this year. This is a process that needs to be completed every five years and this year we will be carrying out this task in house as it is a very straightforward process.

Our Elevated Work Platform is due for its major service in the second half of this year. This comes about after ten years of use. In order to have this recommissioned

it is fully stripped and inspected before reassembly and another five years use certificate issued to 2026.

#### **CARRINGTON PARK AND MEMORIAL SQUARE TOILETS**

The timer locking mechanisms have been installed at Carrington Park and Memorial Square public toilets. They have been working as expected apart from one unit being loosened and stolen. This is being replaced and extra fastenings are being applied to ensure it doesn't happen to any of the others.

#### **MAIN OFFICE**

The council main office and Operations yard offices have had no major repairs or maintenance carried out over this period.

An inspection and report of the expected life span of the main office Decrabond roof is expected to be carried out during this next period and will be reported on in the next period. We can also find out if the remedial roofing repairs carried out on all of the older council properties have been successful as the change in weather brings more consistent rain.

### **4. CONSIDERATIONS**

#### **4.1 Climate change**

We always consider the impact on the environment and climate change when considering what materials we use, for lighting and general maintenance.

#### **4.2 Tāngata whenua**

N/A

#### **4.3 Financial impact**

We are working within budget.

#### **4.4 Community Engagement requirements**

N/A

#### **4.5 Risks**

N/A

### **5. RECOMMENDATION**

That the Committee:

1. **Receives** the report.

**File Number:** 125581

**Author:** Carrie Mckenzie, Community Services Manager

**Attachments:** Nil



## 6.9 TRAILS AND CYCLING ACTIVITIES

### 1. PURPOSE

For the committee to receive the report on activities for Trails and Cycling.

### 2. SIGNIFICANCE

The matters for decision in this report are not considered to be of significance under the Significance and Engagement Policy.

### 3. BACKGROUND

The Regional Trails and Cycling Coordinator represents each Council through engagement with Cycling and Trails related activities:

#### **Representation and promotion**

NZ Cycle Classic was held in January and was supported by attending stages and encouraging the community to get out to support riders by promotion through the Huri Huri channels (website, newsletters and Facebook).

The Windy Wheels Community Track opening was held in March at Featherston school with support given to the Track project team again by sharing the event through channels and attending on the day.

There are a number of other cycling related events that are promoted through the Huri Huri website that include: Breadcraft Kids Triathlon, Riversdale Beach Triathlon, ACM Club rides, The Big Bike Film Night, Greytown's National Tweed Ride and the Martinborough Skyline Challenge. We have worked with the organisers this year on how and where we can share these events and information in order to encourage participation.

The Cycling and Trails Coordinator has a number of representation responsibilities for the three Councils such as attending the Regional Trails Coordination Committee meeting, the Trails Community & Industry Engagement forum and the Remutaka Cycle Trail Steering Group. Updates are provided at these meetings for each district regarding trail projects, cycling activities and the Five Towns Trail Master Plan status.

Meetings with Greytown Trails Trust regarding plans for Tauherenikau Bridge signage ensures the network will have consistent signage and is planned with the Wellington Regional Trails Framework signage guidelines in mind.



**Five towns Trails project**

Work on the Five Towns Trail Network Master Plan continues with the draft plan due early April 2021. The project team met with Consultants TRC Tourism and Xyst in February to discuss in detail one section of the plan, with confirmation that the content is what we are expecting to see.

The draft Master Plan will be reviewed by the project team before going to wider Wairarapa Trails Action Group members for review. Next steps will then be decided by the project team regarding consultation requirements and completion/adoption of the plan.

**Cycling Forum**

Planning is underway for the next Cycling Forum to be held in June giving an opportunity to network and build relationships with cycling groups, event organisers, Council representatives and some staff involved in the cycling space. This provides an opportunity for guest speakers to share project updates and has been well attended previously.

A strong focus is currently on cycle safety, attending the quarterly Wairarapa Road Safety Council meetings as cycling advocate and planning large vehicle workshops for vulnerable cyclist groups with Cycling Action Network in April.

We attended cycle safety workshop in March with Waka Kotahi, WSP and Masterton District Council regarding the SH2 section through urban Masterton. The relationship with Wairarapa Road Safety Council continues to be strong working together in all aspects of cycling activities/safety promotion and includes frequent contact with Greater Wellington Regional Council teams.

**4. CONSIDERATIONS****4.1 Climate change**

Cycling supports the mitigation of climate change through replacing greenhouse-gas emitting motor vehicles.

**4.2 Tāngata whenua**

N/A

**4.3 Financial impact**

N/A

**4.4 Community Engagement requirements**

N/A

**4.5 Risks**

N/A

**5. RECOMMENDATION**

That the Committee:

1. **Receives** the report.

**File Number:** 125525

**Author:** Erin Collins, Regional Trails and Cycling Coordinator

**Attachments:** Nil

## **7 KARAKIA WHAKAMUTUNGA**