



Otorohanga Community Board

# AGENDA

WEDNESDAY  
13 FEBRUARY 2019

**4.00pm**

Members of the Otorohanga Community Board

Mr. Alan Buckman  
Mrs. Katrina Christison  
Mrs. Liz Cowan  
Mr. Neville Gadd  
Mr. Paul McConnell (Chair)  
Mr. Peter Coventry

Minutes Secretary: Mr. C Tutty (Governance Supervisor)

# OTOROHANGA COMMUNITY BOARD

13 FEBRUARY 2019

Notice is hereby given that an Ordinary meeting of the Otorohanga Community Board will be held in the Council Chambers, 17 Maniapoto Street, Otorohanga on Wednesday 13 February 2019 commencing at 4pm.

7 February 2019

**DC Clibbery**  
**CHIEF EXECUTIVE**

## AGENDA

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**PRESENT**

**IN ATTENDANCE**

**APOLOGIES**

**PUBLIC FORUM**

**ITEMS TO BE CONSIDERED IN GENERAL BUSINESS**

**CONFIRMATION OF MINUTES – 6 DECEMBER 2018**

**DECLARATION OF INTEREST**

**ITEM 70                    PROPOSED WASTEWATER RETICULATION MODIFICATION**

**To:**                    **Chairperson and Members  
Otorohanga Community Board**

**From:**                **Chief Executive**

**Date:**                **13 February 2019**

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**Relevant Community Outcomes**

- Ensure services and facilities meet the needs of the community
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**Executive Summary**

Installation of an additional sewer pump station near to the wastewater treatment plant and an associated modification to connecting sewer reticulation is proposed.

**Staff Recommendation**

That it be recommended to Council that:

A capital budget allocation of \$140,000+GST is included in the budget estimates for the 2019/20 financial year for the purpose of installing an additional sewer pump station at the location described in this report, and re-laying the section of pipe between A and B on the attached plan.

**Background**

Whilst most of the wastewater from Otorohanga is fed to the oxidation pond via a pressurised pipeline from the Main North Road pump station (shown by the red dotted line on the following plan) a lesser quantity is delivered to the pond via gravity sewers from adjacent areas.

One such area that drains via gravity to the pond is outlined with the yellow dashed line on the plan, and encompasses some properties on the northern side of Mountain View Road and a few at the end of Frederick Street.

This is a small catchment of less than 20 houses, but the sewers draining it have had a long history of problems, with a 200 metre long section between the points marked as A and B on the plan experiencing frequent blockages.

Such blockages have occurred intermittently in this area for many years, but in recent times the frequency has increased. It is believed that the blockages arise from a combination of the sewer pipes being laid with a very flat (and possibly uneven) gradient, and the small number of properties which may not produce sufficiently large flows of wastewater to flush out the pipes, and as a result solids can accumulate in the flatter sections to an extent that can cause a blockage.

Clearing these blockages can be problematic as in summer the only access for a sucker truck is through fields planted in Maize, and in the winter ground conditions can be wet. The owner of the property through which the blocking section of pipe runs has quite reasonably expressed concern regarding the ongoing and increasingly regular need to take vehicles through his property to clear these blockages, and it is believed that some form of permanent solution needs to be provided to this problem.



Of the two factors believed to be contributing to the problem – low flows and lack of gradient – only the latter can practically be resolved. It has been previously proposed that an attempt should be made to address the issue by re-laying the pipes between A and B to ensure that the gradient between these two points was uniform, without any ‘sags’ where solids might accumulate. A cost in the order of \$20,000 + GST was estimated for such work.

Further consideration has however suggested that even if this was done, the average gradient between the two points may still potentially be too flat to prevent blockages forming. As such there appears a significant risk that expenditure on such a simple re-laying of the pipes might be wasted.

### **Proposed Additional Pump Station**

An alternative but more costly solution would be to increase the fall between A and B by installing a pump station with a deep well at point B, from which a pump would then lift the wastewater into the line that discharges into the oxidation pond. Once such a pump station was in place the pipes between A and B could be re-laid at a steeper gradient.

Such a pump station would also be advantageous in that it would also receive discharge from the gravity line flowing from the point marked as C on the plan (which may not be clearly seen on the plan as it runs closely parallel to the pressurised pipeline) in so doing removing any back-pressure that might currently exist against such flow, enhancing the capacity of that line.

It is suspected that the capital cost of such a pump station, with two relatively small capacity low head pumps in a well of perhaps 3.5 metres in depth, might be up to \$100,000 + GST. To this would be added the cost of relaying the pipe between A and B (now at slightly greater depth) and associated administrative and supporting costs.

On this basis it is suggested that the total cost of the proposed works might be in the order of \$140,000 + GST. There is currently only a relatively small cash balance in the Otorohanga Sewerage account, and as such it would be expected that a loan would need to be raised to cover this cost.

Installing an additional pump station will also result in some increase in ongoing operation, maintenance and renewal costs, which might be around \$5,000 per annum.

The total effect of these additional capital and operating costs is estimated to be equivalent to a rates increase of around 0.5% for properties in the Otorohanga community. Such a rates increase would however be a small offset against a larger decrease in rates associated with the introduction of metered charges for water in the 2019/20 year.

Whilst the proposed modifications are significantly more costly than what was previously envisaged it is believed that it would substantially reduce the potential for blockages or capacity issues on the gravity sewers in the vicinity of the sewer ponds, and on that basis is considered justifiable, and indeed necessary.

**Dave Clibbery**  
**Chief Executive**

**ITEM 71                    MATTERS REFERRED 6 DECEMBER 2018**

**To:                            Chairperson and Members  
                                  Otorohanga Community Board**

**From:                        Governance Supervisor**

**Date:                        13 February 2019**

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**BOARD**

**9 August 2018**

- 1) To provide a date for members to have a Workshop on landscaping issues around the Community in particular to the current Gardening contract.
- 2) To consider in a workshop meeting the following items
  - Otorohanga Museum – Lease arrangement
  - Truck parking area

**GENERAL**

