



AGENDA - UPPER SELWYN HUTS COMMITTEE				
<b>Date</b>	29 May 2019	<b>Time</b>	4.00 – 5.00 pm	<b>Location:</b> Springston South Soldiers Memorial Hall, Days Road
<b>Council Committee</b>	Mayor (Sam Broughton), Councillors (Grant Miller, Malcolm Lyall, Debra Hasson), Chief Executive (David Ward)			
<b>Community Reps</b>	Upper Selwyn Huts Representatives – Graeme Young, Graham Evans, Robin Hyde			
<b>Staff</b>	Douglas Marshall (Property & Commercial Manager), Murray Washington (Asset Manager), Murray England (Water Services Manager), Greg Bell (Corporate Services Manager), s7(2)(a)			
<b>Apologies</b>				

<b>1.</b>	<b>Welcome and Apologies</b>
<b>2.</b>	<b>Resolution from Council – 8 May 2019</b> <p>“1. That Council acknowledges:</p> <ul style="list-style-type: none"> <li>a) That climate change over the next 100 years means the sea level rise that will result in changes to the environment around Lake Ellesmere specifically resulting in the lake not being able to be opened to the sea s easily or possibly as often, thus resulting in the lake area likely increasing in volume and area and the water table lifting.</li> <li>b) That Council needs to continue to provide wastewater services but will do so in the most prudent and cost effective manner.</li> <li>c) That the wastewater solution will be funded by the Selwyn Huts community.</li> </ul> <p>2. That Council requests the Upper Selwyn Huts community to identify 3 members by 31 May 2019 to join the Council Subcommittee to review options for wastewater collection and treatment; the cost of those options, any proposed changes to the licence agreement to have effect from 1 July 2020, and that the appointed group report back to Council with their recommended proposal to the 10 September 2019 Council meeting.</p> <p>3. Council now determines that hut licences and subsequent renewals are short term and ultimately for a finite period.”</p>
<b>3.</b>	<b>Update on Wastewater Options</b> <ul style="list-style-type: none"> <li>Consulting Engineer Stantec have been asked to look at further wastewater options for reporting back to the committee. Their report will build on their report they did in 2017 and will include information on capital and operating costs for the options that they consider.</li> </ul>
<b>4.</b>	<b>Report on Infiltration Issues</b> <ul style="list-style-type: none"> <li>Gully trap inspection report for Upper Selwyn Huts – May 2019 – A copy of this report is attached for information.</li> </ul> <p>Please note that any reference to specific properties has been removed to protect individual property owners’ privacy.</p>

5.	<b>Water Metering</b> <ul style="list-style-type: none"> <li>• Measuring flow in (drinking)</li> <li>• Measuring flow out (bathrooms, kitchen/laundry)</li> </ul>
6.	<b>Chlorination</b>
7.	<b>General Business</b> <ul style="list-style-type: none"> <li>• <b>Draft Reserve Management Plan</b> The Reserve Management Plan requires a formal public consultation process to be followed to adopt and make the plan a statutory document.</li> <li>• <b>Matters that Members of the Committee and representatives from the community wish to raise for future discussions</b></li> </ul>

**GULLY TRAP INSPECTION REPORT  
FOR  
UPPER SELWYN HUTS  
(MAY 2019)**

## OBJECTIVE:

To investigate potential sources for storm water infiltration into the sewer network at Upper Selwyn huts.

## BACKGROUND

Upper Selwyn hut residences are serviced through council's sewer network. The Wastewater from the Upper Selwyn hut catchment area is collected into a Sewer PS and from the Sewer pump station, pumped into an Oxidation pond for treatment. The treated WW is then discharged on adjacent field through a border dyke system. The disposal volume to the border dykes is capped at 650 M3/month as per E Can's resource consent CRC 991634.

In the Year 2018, there were months when the discharge limit exceeded the Consent limits. Pursuant to the exceedance, Sicon was awarded the task to investigate the Gully traps and carry out inspections of manholes and Sewer laterals.

This report includes the findings from the visual inspection the gully trap at Upper Selwyn huts, carried by Sicon earlier this month.

## FINDINGS

As part of the investigation, around 93 properties were inspected. There were 9 properties where either the inspection team were not able to gain access to the property or could not physically reach the Gully traps.

- 38 properties were found to have either low lying or non-compliant gully traps
- 7 properties have the roof top runoff down pipes flowing into the gully trap (directly or indirectly)

## DETAILS





**Problem:** Gully trap will allow ingress of surface water and the down take pipe water.



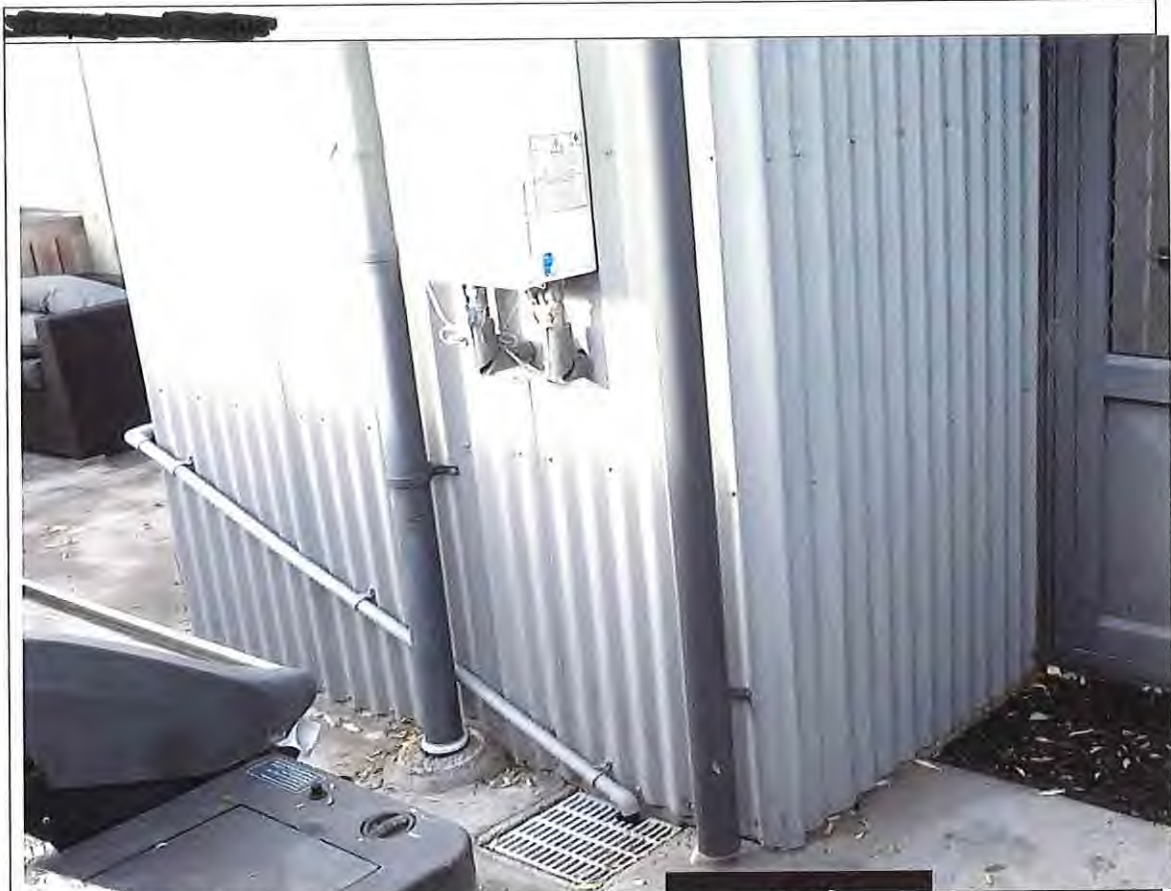
Roof down pipe flows into Gully trap.



**Problem** ( [REDACTED] ): Damaged Sewer Pipe allow ingress of surface.



**Problem:** Gully traps is flushed with the ground and will allow ingress of surface water.



**Problem:** Gully trap is flushed with the surrounding concrete deck. Roof down pipe directly on the gully trap.



**Problem:** Gully trap is damaged and can allow storm water to ingress into sewer line.



**Problem:** Roof water down take pipe close to GT.



**Problem:** Damaged Gully trap allows water ingress into sewer pipe



Problem: Damaged Gully trap allows water ingress into sewer pipe



Problem: Non-compliant Gully trap, may allow water ingress into sewer pipe



Problem: Low Gully trap allows water ingress into sewer pipe.



Problem: Damaged Gully trap allows water ingress into sewer pipe.



Problem: Low Gully trap allows water ingress into sewer pipe.



Problem: Low Gully trap allows water ingress into sewer pipe.



Problem: Low and Damaged Gully trap allows water ingress into sewer pipe.



Problem: Low Gully trap allows water ingress. Appears to have roof down take pipe connected



Problem: Low Gully trap allows water ingress into sewer pipe.



Problem: Low Gully trap allows water ingress into sewer pipe.



Problem: Roof down take pipe connected too close to GT.



Problem: Low Gully trap allows water ingress into sewer pipe. Roof down take pipe flows into GT



Problem: Low Gully trap allows water ingress into sewer pipe.



Problem: Low Gully trap allows water ingress. GT needs repair



Problem: Roof down take pipe connected to GT



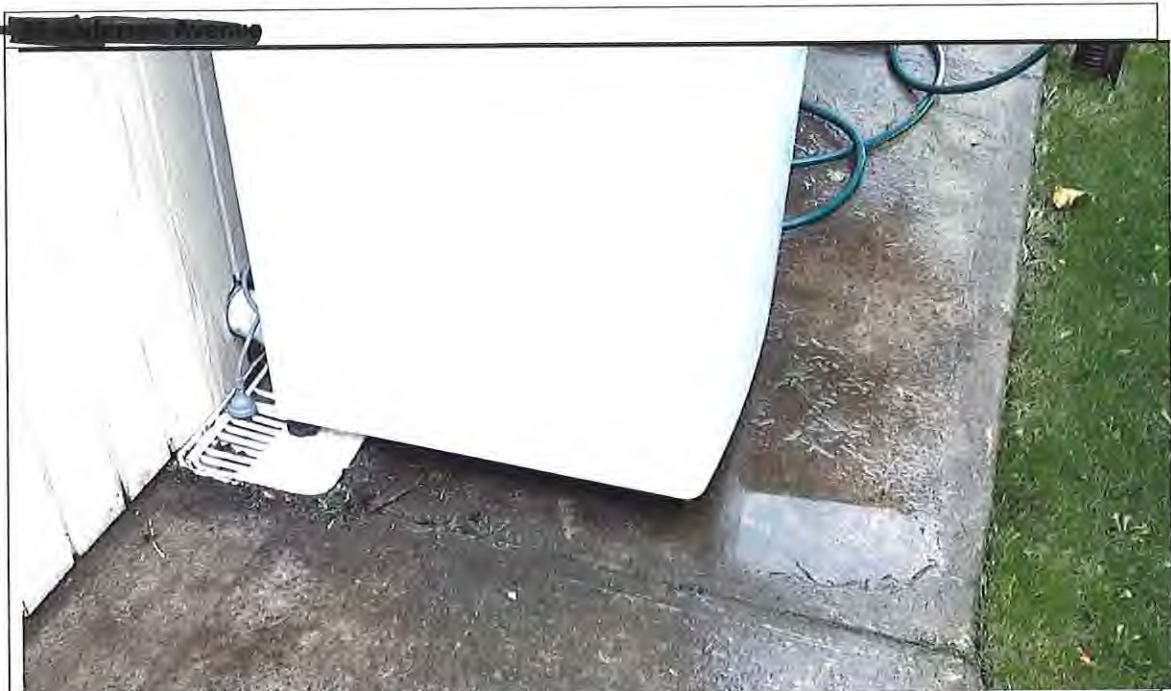
Problem: Low Gully trap allows water ingress into sewer pipe.



Problem: Low Gully trap that may allow water ingress. Roof down take pipe close to GT



Problem: damaged Gully trap allows water ingress into sewer pipe.



Problem: Low Gully trap allows water ingress into sewer pipe.



Problem: Low Gully trap allows water ingress into sewer pipe.



Problem: Low Gully trap allows water ingress into sewer pipe.



Problem: Low Gully trap allows water ingress into sewer pipe.

Northrup Avenue



Problem: Low Gully trap allows water ingress into sewer pipe.



Problem: Low Gully trap allows water ingress into sewer pipe.





Problem: Low Gully trap allows water ingress into sewer pipe.



Problem: Low Gully trap allows water ingress into sewer pipe.