

# STORMWATER MANAGEMENT PLANS

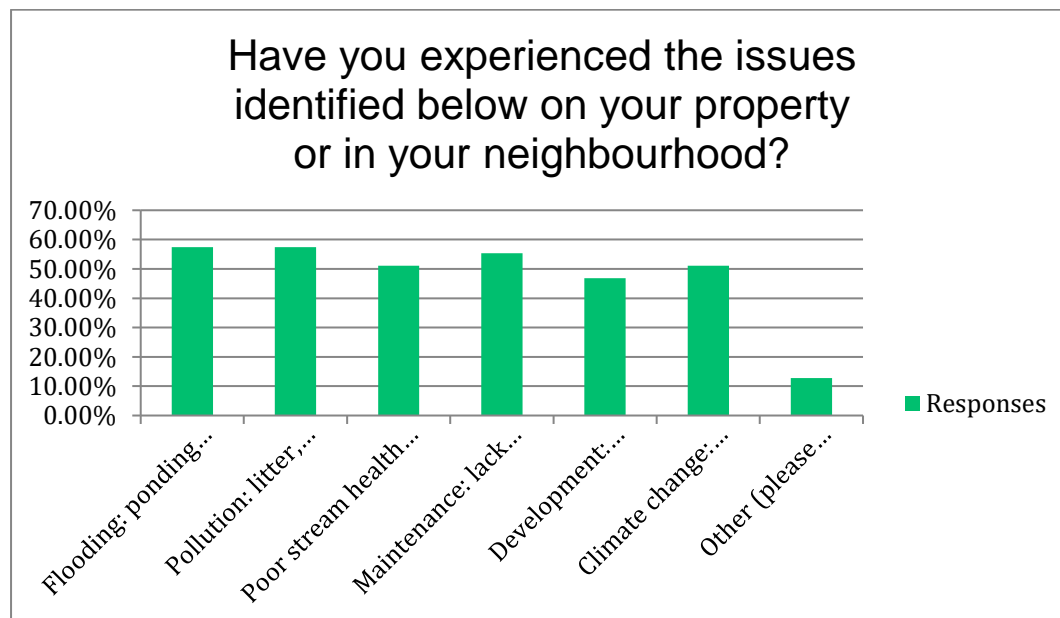
## PUBLIC CONSULTATION FEEDBACK

In November 2021, Timaru District Council asked you for your feedback on plans we were making with Te Rūnanga o Arowhenua to help manage stormwater discharges in the urban areas of Timaru, Washdyke, Pleasant Point and Temuka.

Here is what you told us:

### Issues Affecting You & Your Neighbourhood

The most commonly experienced stormwater issues reported by survey respondents were flooding and pollution (both affecting 57% of respondents), followed by lack of maintenance (55%), poor stream health and climate change (51% each). Increased stormwater runoff due to development was the least commonly reported issue at 47%.



Other responses to this question were:

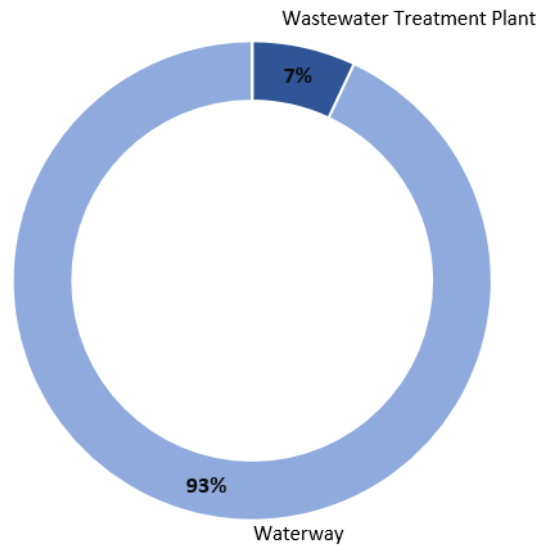
- No issues in my area
- No stormwater issues in modern, high areas. Street are clean and litter free.
- Stream routes under road bridges too small for volume of water in extreme rainfall events; water then backs up or flows over bridges causing damage.
- Spraying of herbicides ending up in waterways.

This shows that there are neighbourhood variances in experiencing stormwater impacts, as well as other issues that we need to investigate.

## Stormwater awareness

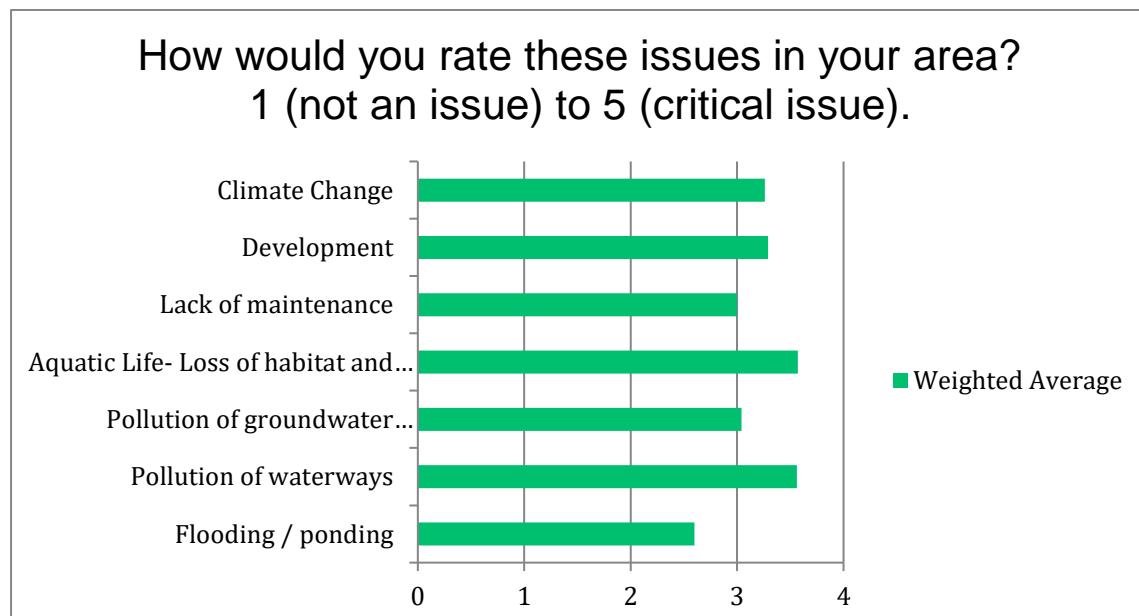
We asked you to tell us where you thought water went once it flowed into a drain from driveways or roads. 93% of respondents correctly identified that water going into the drains ends up in waterways. A small percentage of respondents confused the stormwater network with our wastewater system. However, overall, the results show a good level of community stormwater awareness.

When water flows into a drain from driveways or roads where do you think it goes?



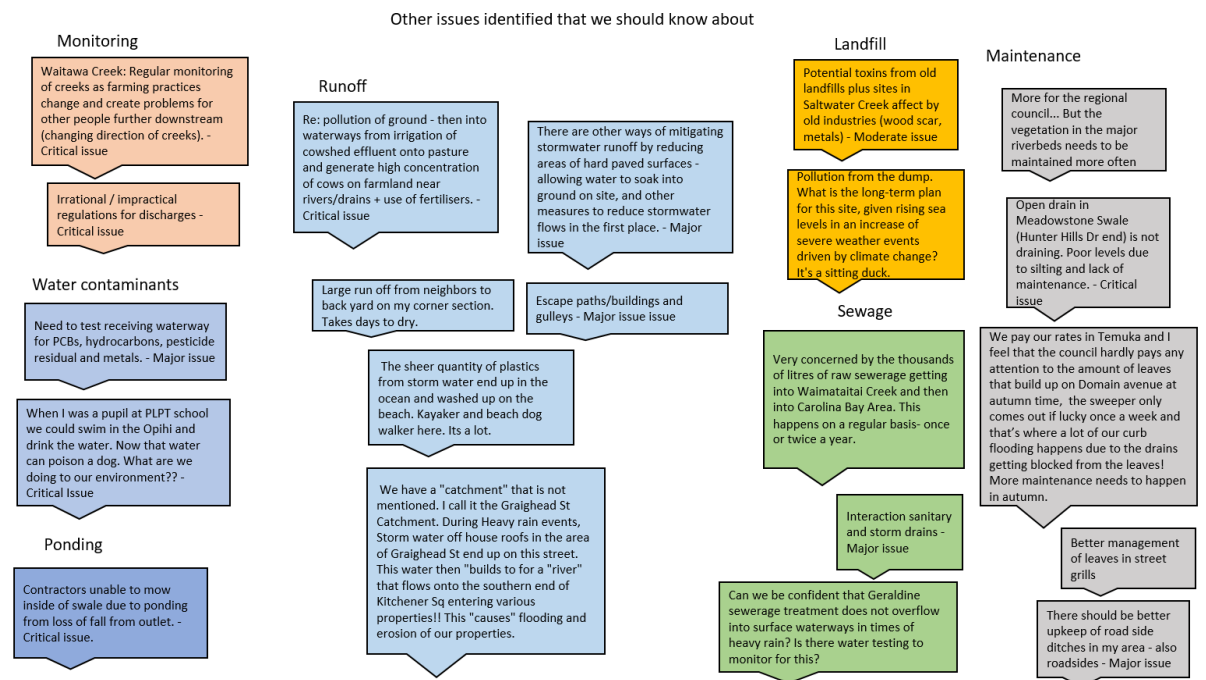
## Most critical issues

When stormwater issues were rated on a scale of least critical to most critical, the two issues deemed most critical were: loss of aquatic life/habitat, followed by waterway pollution impacting on playing, swimming and food gathering in local streams, rivers and the sea. Flooding was rated overall as being least critical.



## What other issues are important to you?

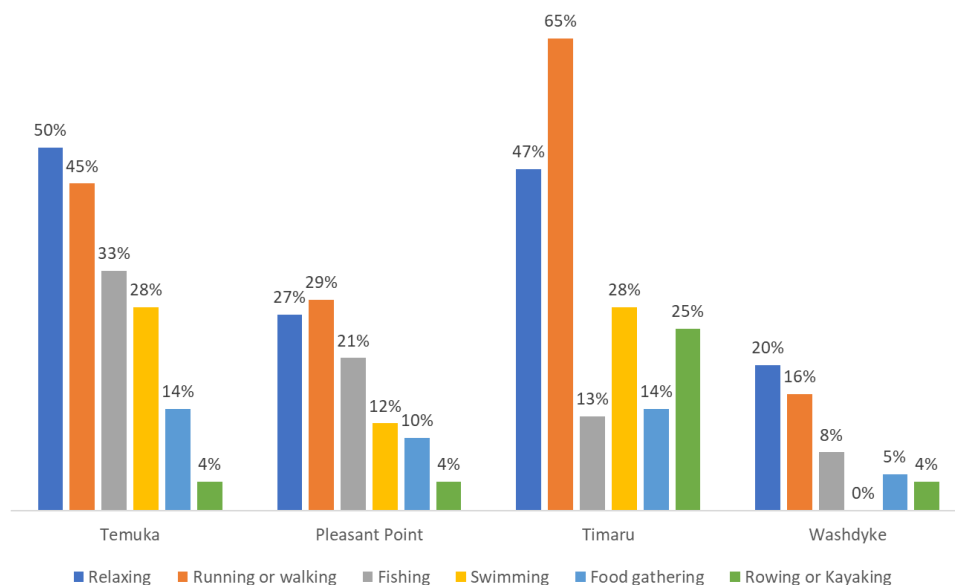
You identified a number of additional issues that were of importance to you:



## Use of waterways

Running/walking and relaxing were the two most popular uses of local waterways reported overall. Timaru waterways were commonly identified as being used for rowing or kayaking, whereas Temuka waterways were commonly identified as a fishing location. All respondents reported using local waterways for some activity. This shows that we are all affected to some extent by stormwater and how we manage it.

How waterways are used

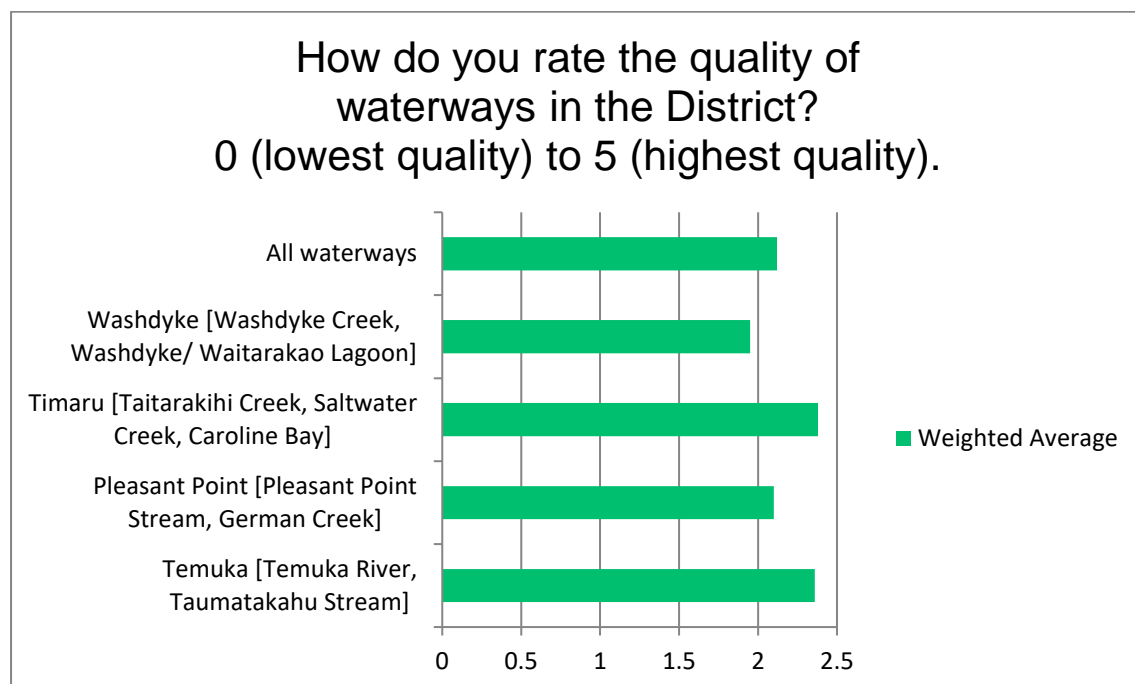


Additional feedback we received about the use of waterways was:

- Concerns about safety of waterways for humans and dogs and for swimming and food gathering
- Water in Waihi in Central Geraldine seems clean – kids can go paddling and kayaking here.

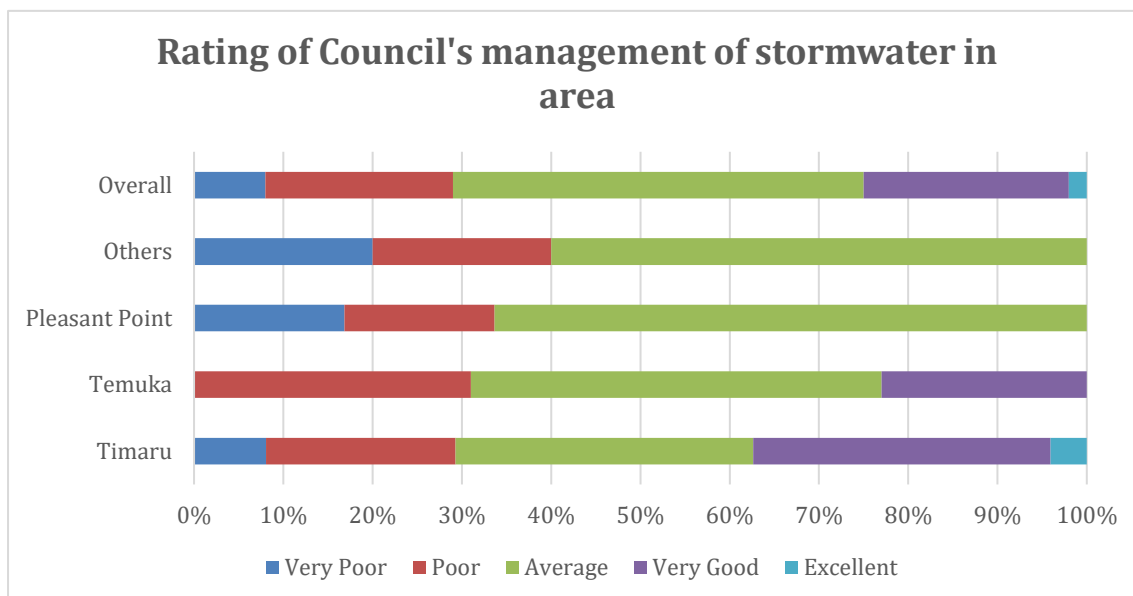
## Quality of waterways

Water quality is not rated very highly in the District. Survey respondents reported slightly higher overall levels of satisfaction with the quality of Timaru and Temuka waterways and lower levels of satisfaction with the quality of Pleasant Point and Washdyke waterways (Washdyke was the lowest). This shows that the greatest improvements are needed in Washdyke.



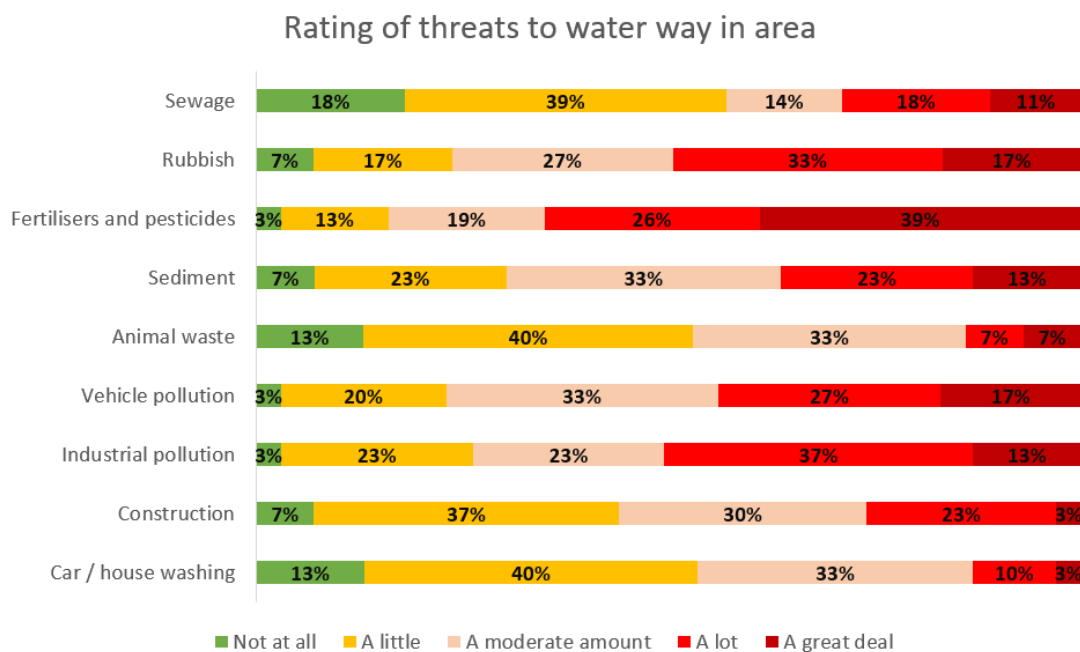
## Council's stormwater management

Around one in four submitters felt that Council was doing a very good or excellent job in managing stormwater. Conversely, 30% of respondents thought Council's stormwater management to be either poor or very poor. This shows that there is room for improvement in Council's management of stormwater. Timaru residents reported higher levels of satisfaction with Council's management of stormwater than residents of other areas.



## Threats to local waterways

The three greatest threats identified to local waterways by survey respondents (using a weighted average of all responses) were: fertilisers/pesticides (highest) and rubbish/litter and industrial pollution (second equal). Vehicle pollution and sediment from rural land or bank erosion also were perceived to be a high threat by over a third of all respondents. Car/house washing and animal waste were rated as being the lowest overall threats.



Other comments we received regarding threats to local waterways were:

- Flytipping in Temuka, Pareora and Orari

- Septic tanks poorly maintained or old designs allow overflows/leaks
- Redruth dump,
- Dairy effluent paddock runoff,
- Flooding.

Some respondents noted that they did not perceive animal waste or sewage overflows to be of concern:

- Very little animal poo;
- Sewage overflows generally only occur in extreme conditions.

## Other feedback

We received a variety of other comments and suggestions which we will endeavour to follow up on and use to inform our next steps. You can view these additional stormwater service concerns and suggestions below:

