

Response Project Update

Project description and objectives

Investigate and provide a range of options to improve the current flooding concerns in Karehana Bay and James St. Assist homeowners affected by the 29 November 2020 flood event to recover and return home. While investigative work is completed and solutions are implemented, ensure existing stormwater network is operating as best as possible, which may include implementing some short-to-medium-term solutions if feasible and cost effective. Support the community to recover from the flood event.

Plimmerton Flood Action Group requests – Dec 2020	Council will – Jan 2021	Update – 30 June 2021
1. Identify and action immediate interim measures to protect the area from flooding while long-term solutions are implemented.	<ul style="list-style-type: none"> Provide a pump on site when heavy rainfall is forecast Assess functionality and suitability of the two WaStops on the beach. One of these is damaged, a replacement part has been ordered and will be installed as soon as it arrives. Investigate an alert system for Karehana Stream. Investigate installation of a winch allowing the grill to be lifted in a flood event. The grill is required to prevent large items flowing downstream and getting lodged in the culvert at a point where the culvert is inaccessible. It is also in place for the safety of children and others. 	<ul style="list-style-type: none"> Pump on site. Damaged WaStop replaced. Decision on future of WaStops will be made as part of decisions on long term improvements. Alert system investigation continuing. New winch will be installed by the end of July with the new grill installed shortly after this.
2. Produce and publicly release a maintenance plan and calendar to address current issues with the lack of clearing and upkeep of the culverts and drains in the area.	<ul style="list-style-type: none"> Develop a maintenance plan (including a schedule) for all stormwater assets in Plimmerton and James St. Work with local residents. Agree to make the Maintenance Plan publicly available. 	<ul style="list-style-type: none"> Maintenance information available online in searchable map https://porirua.govt.nz/services/parking-transport/streets-roads/maintaining-our-stormwater-network/
3. Commit to undertaking a review of the Plimmerton and Karehana Bay catchment areas, to be completed no later than 30 April 2021.	<ul style="list-style-type: none"> Undertake a stormwater catchment study for Karehana Bay. Undertake a catchment study for James St. Work with local residents. Establish a community working group to support these studies. 	<ul style="list-style-type: none"> Plimmerton Stormwater Catchment Management and Improvements Project – Phase 1; Karehana Park Catchment established February 2021. See progress report below. James Street Catchment project underway. Discussions held with St Theresa’s parish and school, Jennian Homes and residents. Hongoeka options being discussed with Ngāti Toa.
4. Commit to immediately supporting all affected Plimmerton residents, in particular those who must now undertake building work to repair and flood-proof their homes.	<ul style="list-style-type: none"> Nominate a lead consent planner as a key contact. We are not in a position to offer discounts on building and resource consent fees. Meet all normal statutory timelines for building and resource consent applications. We are not in a position to provide counselling services to all affected households, and recommend you contact your GP or phone 1731 to access counselling services or support. 	<ul style="list-style-type: none"> Clean up support provided. Building consent advice provided to individuals and at workshop.
5. Review the Waikanae Floodplain Management Plan and 10-year review report, and consider learnings that can be embedded in council behaviours and applied to Plimmerton	<ul style="list-style-type: none"> Provide a full range of options in our catchment study work. Note that lifting properties is something to explore through consenting and your own technical advisors. 	<ul style="list-style-type: none"> Full range of options being considered in Catchment Management and Improvements Project.

For more information go to porirua.govt.nz/your-council/city-projects or wellingtonwater.co.nz/plimmerton-stormwater

Plimmerton Flood Response Project Update

6 July 2021

Progress report:

Plimmerton Stormwater Catchment Management and Improvements Project – Phase 1: Karehana Park Catchment

- The project team is made up of Porirua City Council and Wellington Water staff and consultant engineers, and has access to specialists as required.
- The Plimmerton Flood Management and Resilience Working Group was established in March 2021. The group is made up of Flood Action Group representatives, Residents Association representatives, and community members. The group has provided a community perspective on the flooding hazards and also on the options for the project team to consider. The working group does not have a decision-making role on the options and won't be asked to select a preferred option.
- The engineers and specialists have identified a wide range of options for improving the stormwater system and reducing flood risk.
- A long list of 22 options was developed, covering all parts of the catchment.
- No one option on its own is likely to be adequate to reduce flooding across the catchment.
- A short list of options has been selected for further investigation. These options focus on three topographic areas:
 - Primary (options to increase the flow from the lower end of Karehana Park to the sea)
 - Secondary (addressing network incapacity in the upper and mid catchment and improving the effectiveness of the primary options)
 - Tertiary (supporting options to enhance the primary and secondary options where suitable).
- Multi-criteria analysis is underway to assess the impact, effectiveness, risks and costs of the options, individually and in combination. This means:
 - Specialists including engineers, environmental scientists and key Porirua City Council and Wellington Water staff are assessing the options, individually and in combination, against 10 criteria including impact, effectiveness, risks and costs.
 - The engineers will identify the most practicable package of options.
- The preferred option/package of options will be recommended to Porirua City Council for their deliberation and a decision in August 2021.
- Project information online www.wellingtonwater.co.nz/plimmerton-stormwater/

Key contacts

Flooding or stormwater inlet blockages:

Porirua City Contact Centre 04 237 5089, at any time of day or night.

Porirua City Council Project coordinator – Ben Fountain: 04 237 5089

Wellington Water Principal Engineer Stormwater Network Engineering – Mohammed Hassan: 04 912 4591

Resource consents – Derek Vos: 04 237 3822

Building consents – Leonie McPhail: 04 237 1464

Rates remissions – Zach Morton-Adair: 04 237 1378

For other non-urgent maintenance requests, email enquiries@porirucity.govt.nz or download the “Antenno” app to log a job with us.

For more information go to porirucity.govt.nz/your-council/city-projects
or wellingtonwater.co.nz/plimmerton-stormwater