Christchurch City Council

Banks Peninsula Water Management Zone Committee
MINUTES ATTACHMENTS

Date: Tuesday 20 June 2023
Time: 4 pm
Venue: Lyttelton Community Boardroom
25 Canterbury Street, Lyttelton

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9. Monitoring of Water Quality for Contact Recreation around Whakaraupō and Banks Peninsula

A. Bank Peninsula Faecal Source Tracking Results June 2023 3

Banks Peninsula
FST results
June 2023
Corsair Bay, Canterbury

Who is responsible?

Faecal Source Tracking

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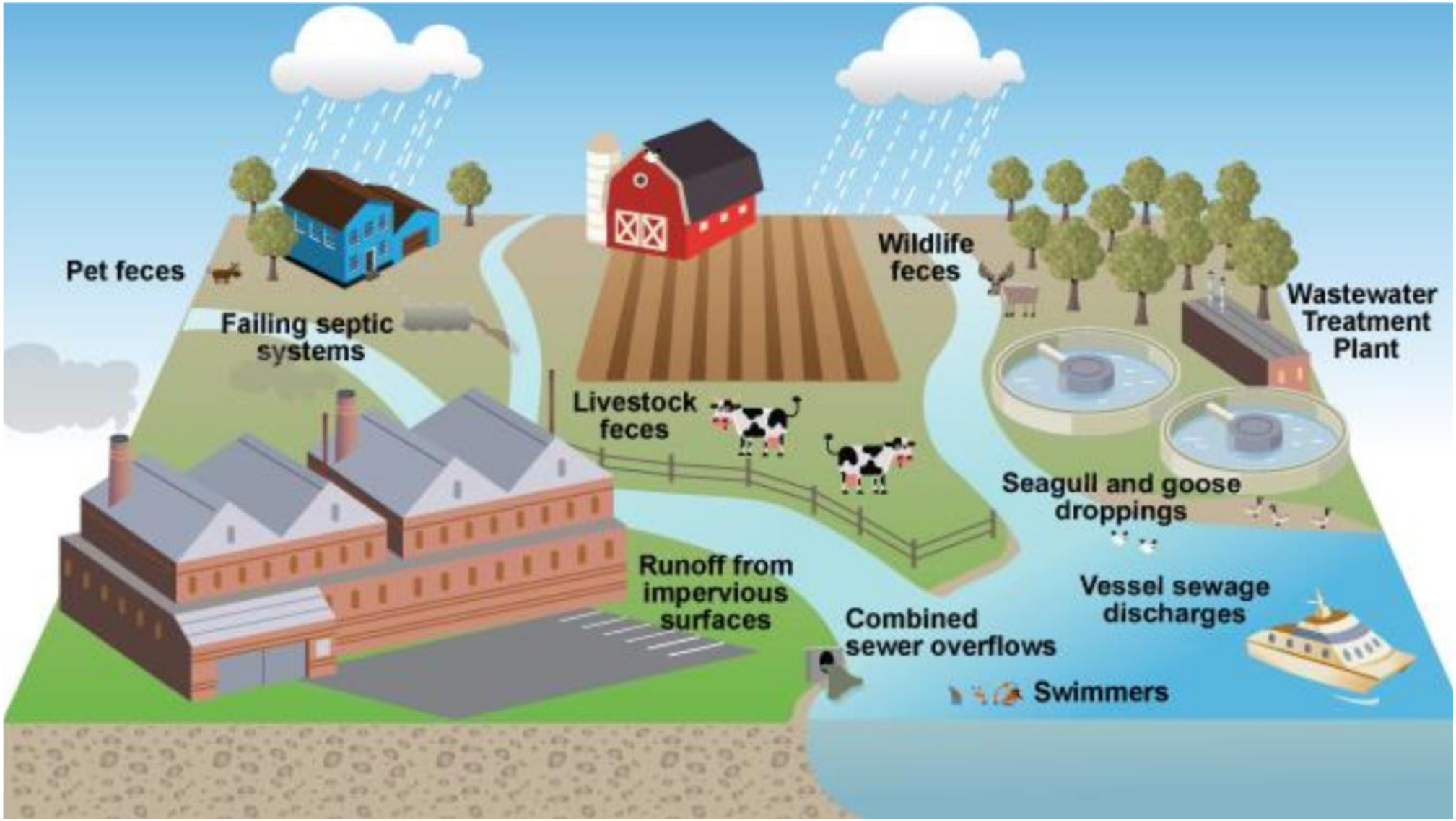
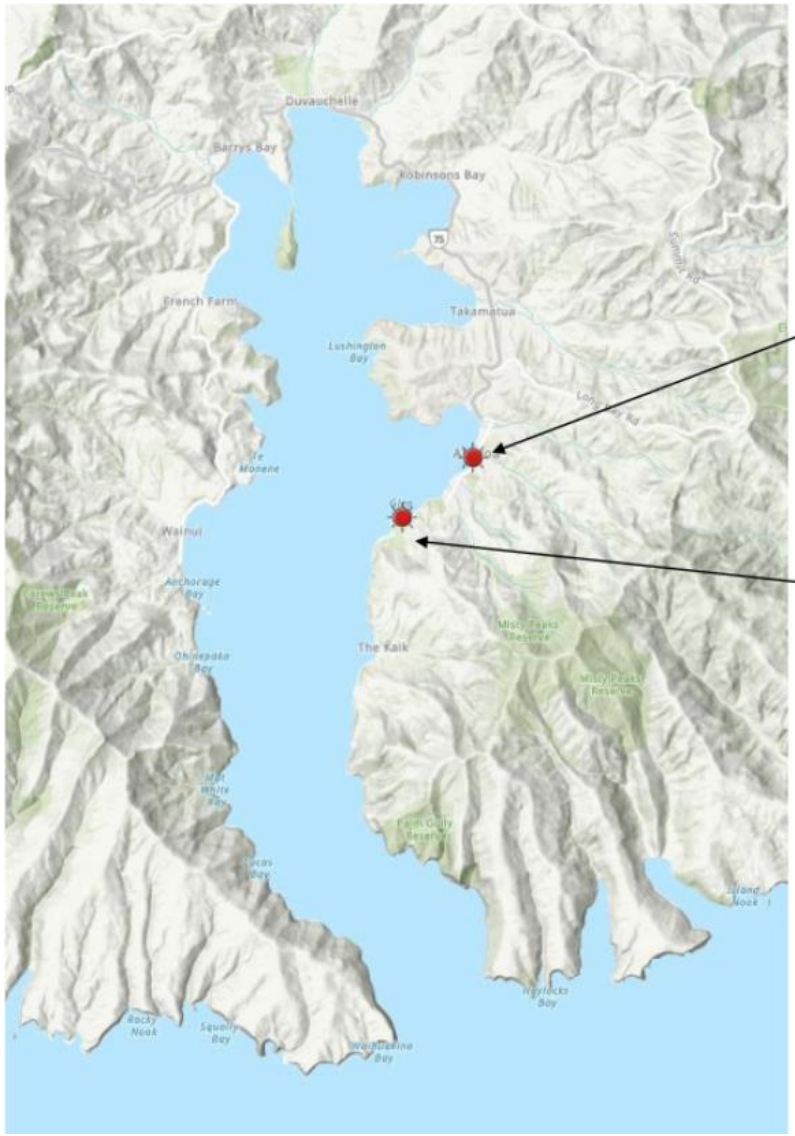
ESR


Pet feces
Failing septic systems
Livestock feces
Wildlife feces
Wastewater Treatment Plant
Seagull and goose droppings
Runoff from impervious surfaces
Combined sewer overflows
Vessel sewage discharges
Swimmers

Akaroa and Whakaraupō harbours – sites where FST samples collected and analysed 2023



Akaroa beach

Human, ruminant and avian faecal sources

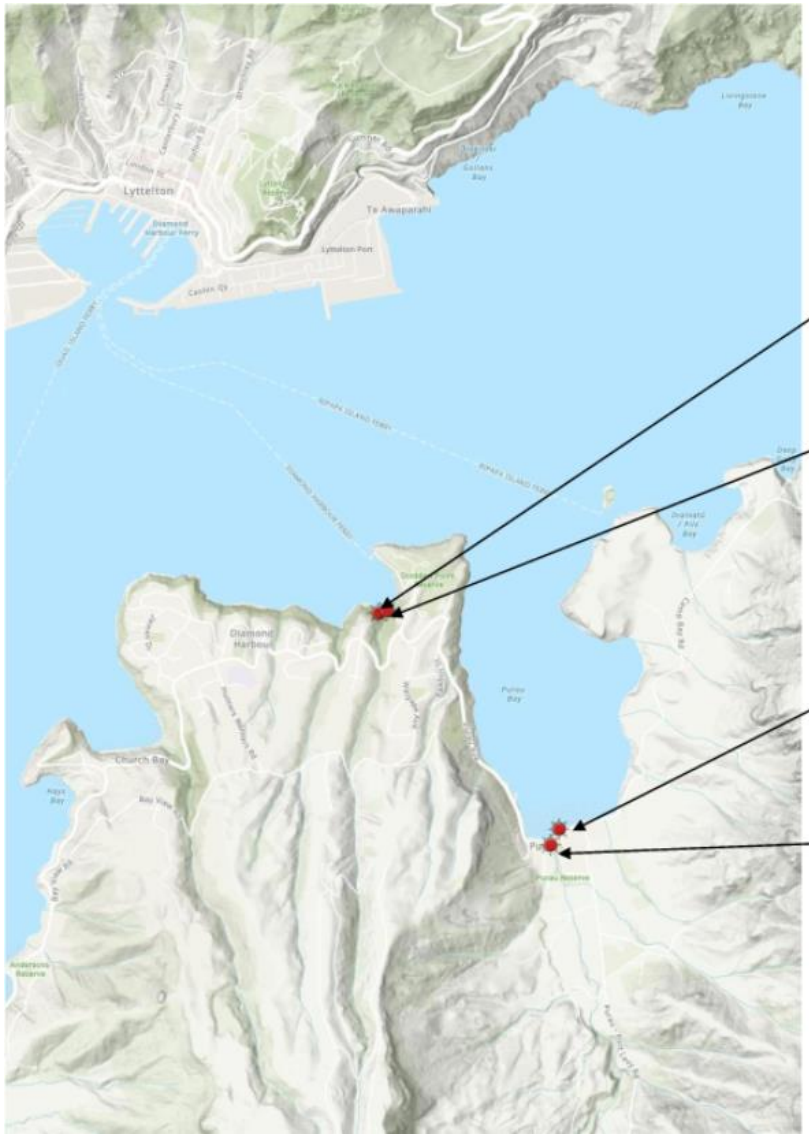
Glen Bay

Human and avian faecal sources

Akaroa and Glen Bay

1 sample at each beach – wet weather 15th Feb 23

Diamond Harbour and Purau Bay



Diamond Harbour

Beach - Human, ruminant and dog

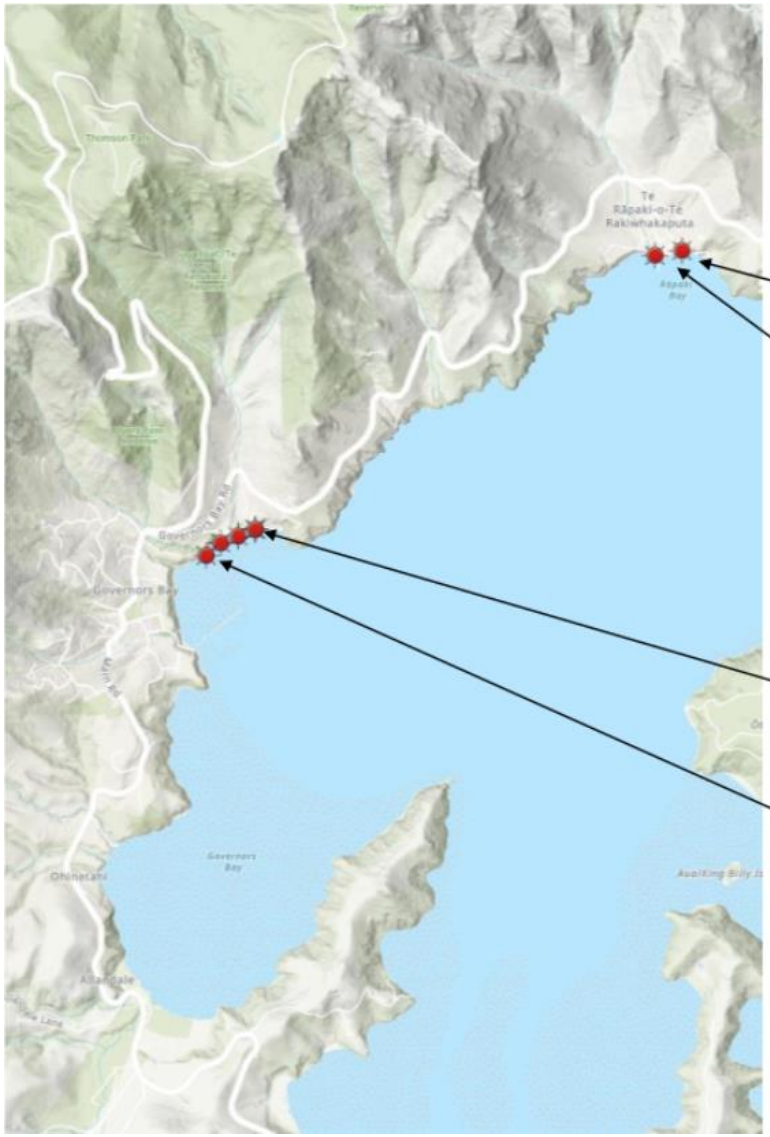
Stream – Human and avian

Purau

Beach – Ruminant and avian

Stream - Ruminant and avian

1 sample at each site – wet weather 15th Feb 23



Rāpaki

Stormwater outfall – Human and avian

Stream –Avian

Governors Bay (Sandy Bay)

Beach and stream – Ruminant and dog

Zephyrs Stream – Human, ruminant and dog

Rāpaki streams

Governors Bay and streams

Wet weather 15th Feb 23

Corsair Bay

Beach and stream – Human, ruminant, dog and avian

Cass Bay

Beach and stream – Human, one sample included human and dog

Cass and Corsair bays

Wet weather 15th and 23rd Feb 23

Attachment A Item 9

Summary....

- Faecal contamination from human and other sources (bird, dogs and livestock) in a number of the bays after rainfall events.

- Human faecal sources could include leaking septic tanks on private property, damaged public and private pipes, wastewater overflows, private cross connections, boats dumping wastewater and freedom camping.

- CCC leading an investigation into potential sources and mechanisms of human faecal contamination

- Key messages for what everyone can do to help....
  - Reporting any spillages, leaks or pollution you see near waterways or drains.
  - Picking up dog poo - never leave it on walk tracks, pavements or the beach where it can wash into drains and waterways.
  - Always using the public toilets provided.
  - Ensuring your boat is compliant and disposing of sewage waste correctly.
  - Getting your septic tank checked to make sure it is operating correctly.