

Date: Friday 21 June 2024
Time: 12.15pm
Meeting Room: Puketāpapa Local Board
Venue: Boardroom
560 Mount Albert Road
Three Kings

Manukau Harbour Forum

OPEN MINUTE ITEM ATTACHMENTS

ITEM TABLE OF CONTENTS

PAGE

9.2 Mike Bourke

- A. Manukau Harbour Forum, Item 9.0 Public Forum, 9.2 Mike Bourke - Leak Proof Lid

3

Manukau Harbour Forum Presentation 21/06/2024.

EcoGuys
SUSTAINABLE SOLUTIONS

Michael Bourke (n.z.Dip. Arch Tech, n.z.Dip. Cons Management, n.z.Dip. Estimation)
Licensed Building Practitioner / Reg. Drain-Layer / Trainee Plumber – Gas fitter.
Innovator / Entrepreneur.

The problems:

- 1) Faecal matter in waterways
- 2) Erosion around waterways

Water quality

River water quality index scores and classifications updated 2016-2018 based on rolling three-year median values

AUCKLAND

Legend: Excellent (Blue), Good (Green), Fair (Yellow), Marginal (Orange), Poor (Red)

1	Matakana River
2	Hoteta River
3	Mahurangi River (Warkworth)
4	Mahurangi River (Forestry)
5	Waivera Stream
6	Makarau River
7	Nukumeha Stream
8	West Hoe Stream
9	Kaukapakapa River
10	Okura Creek
11	Vaughan Stream
12	Lucas Creek
13	Riverhead Stream
14	Rangitopuni River
15	Oleha River
16	Kumeu River
17	Onekangi Stream
18	Cascades Stream (Waiheke)
19	Oakley Creek
20	Cascades Stream (Waitak
21	Opanuku Stream
22	Avondale Stream
23	Omaru Creek
24	Botany Creek
25	Pakuranga Creek
26	Okaki Creek
27	Otara Creek (South)
28	Otara Creek (East)
29	Puhimui Stream
30	Papakura Stream (Upper
31	Papakura Stream (Lower
32	Waioa River
33	Waioa Tributary
34	Whangamare Stream
35	Ngakoroa Stream
36	Waitangi Stream

Problem 1) Faecal matter in waterways

- Inflow is a major problem in New Zealand.
- This product is a uPVC injection moulded device to go over the top of gully traps.
- Its function is to prevent the inflow of stormwater into the Sanitary Sewer System at the gully trap.
- The target market is all homeowners in flood prone areas, or on gully traps that do not have adequate separation from ground level.
- The need it meets is to prevent sanitary sewer spillovers and discharges.

Healthy Waters: Asset Management Plan Summary 2018

26% of buildings lie in overland flow paths.
We rely on overland flow paths to convey
100-year storm flows. (PG. 8.)

