

Battersea Drainage Scheme



Purpose of meeting

- Summary of scheme
- Works completed in last few years and financial statement
- Introduce the review of the scheme
 - Scheme extent
 - Maintenance work plans
 - Funding
 - Scheme members input into management of the scheme
- Next steps

Battersea Drainage Scheme



Battersea Drainage Scheme



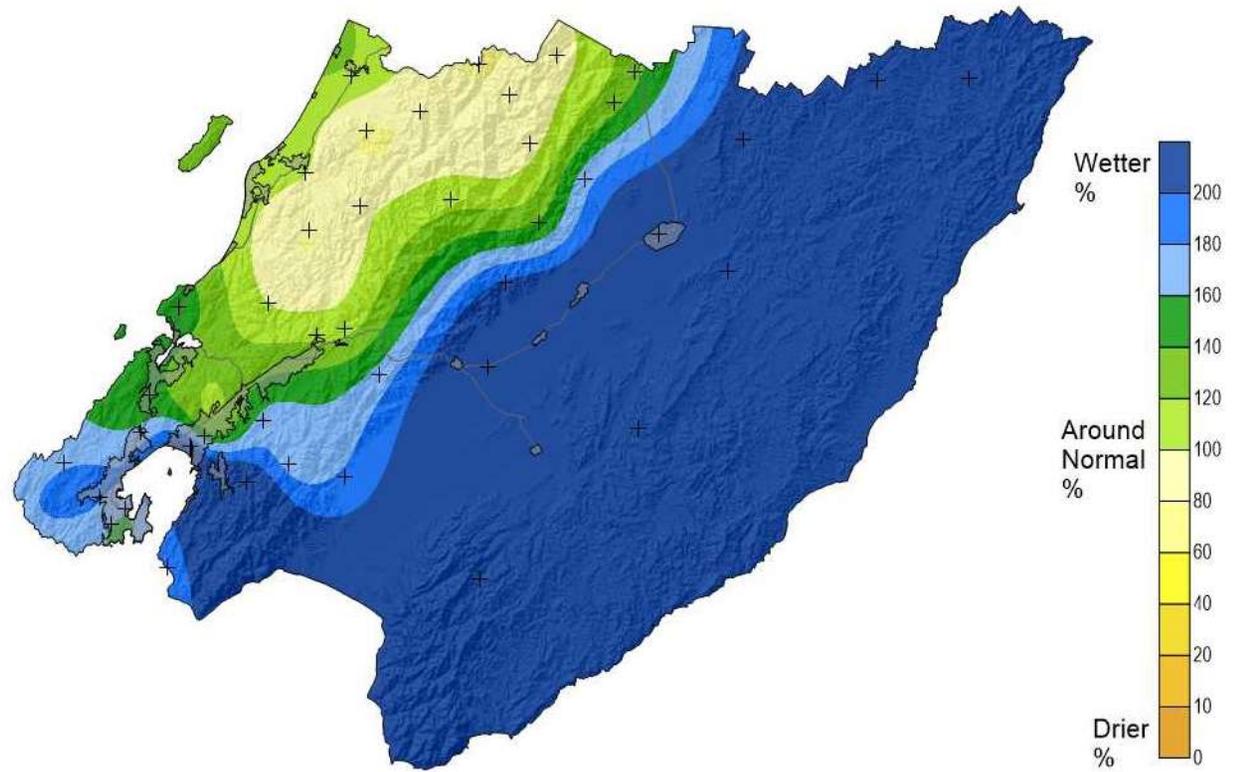
Paddock Prior To Drainage
DEVELOPMENT 1963.



SAME Paddock AFTER DRAINAGE ETC.
MARCH 1963
NOTE: No Sign of dry conditions at end
of summer

A wet Summer!

90 Day Rainfall Anomaly (%) as at 23-02-2023



Works completed last financial year

- Herbicide spraying of drain
- Clearing of blocked culverts both during and after rain
- Machine cleaning & manual cleaning parts of the drain



Financial Statement

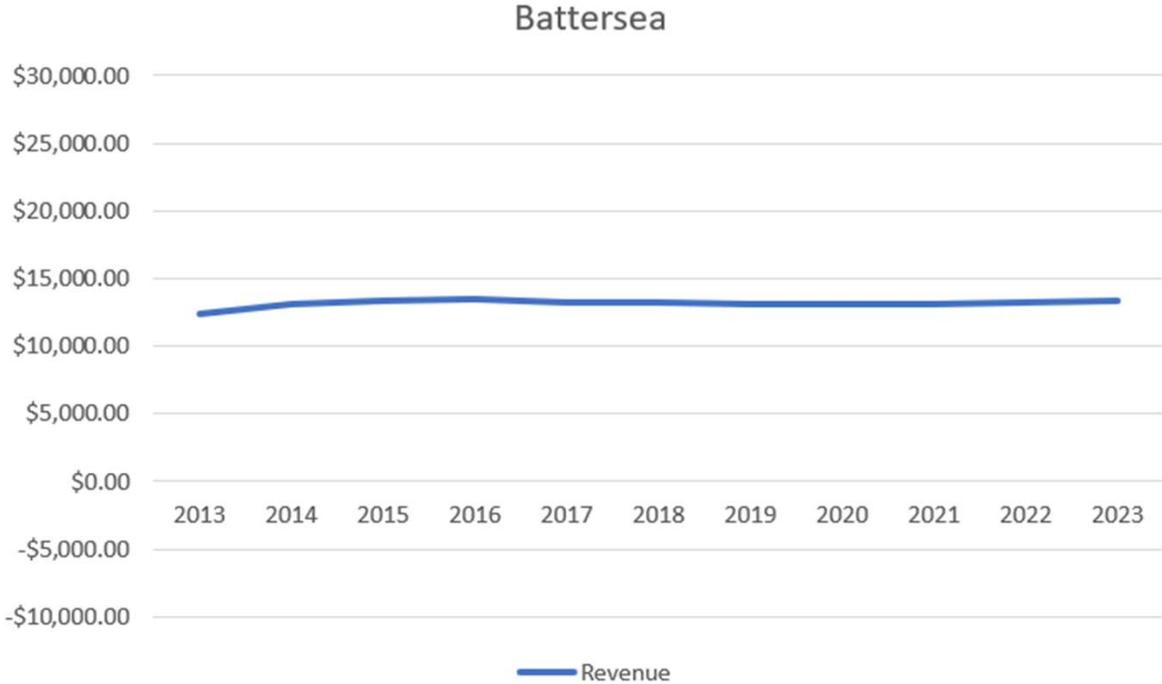
Greater Wellington Regional Council			
Flood Protection Department			
Battersea Drainage Scheme			
Financial Statement August 2023			
ITEM	ACTUAL	ACTUAL	ACTUAL
	2020/21	2021/22	2022/23
REVENUE			
Special Rates	\$10,644	\$10,857	\$11,074
District Councils	\$2,159	\$2,202	\$2,246
Other Revenue	\$0	\$0	\$0
Interest on Reserves	\$291	\$179	\$8
TOTAL REVENUE	\$13,094	\$13,238	\$13,329
EXPENDITURE			
Works	\$12,867	\$21,825	\$18,135
Overheads	\$1,933	\$1,887	\$1,611
TOTAL EXPENDITURE:	\$14,800	\$23,711	\$19,746
SURPLUS/(DEFICIT) TO RESERVES	-\$1,706	-\$10,473	-\$6,418
Reserve Opening Balance	\$12,879	\$11,172	\$699
RESERVE CLOSING BALANCE	\$11,172	\$699	-\$5,719

Financial position

Rates Search

018	Reserves & Amenities - Rural (U)
021	GWRC General Rate (C)
022	GWRC Public Transport - Rural (C)
025	GWRC EDR - Rural (U)
036	Lower Wairarapa Valley - A (A)
060	Battersea - C (A)
Total	

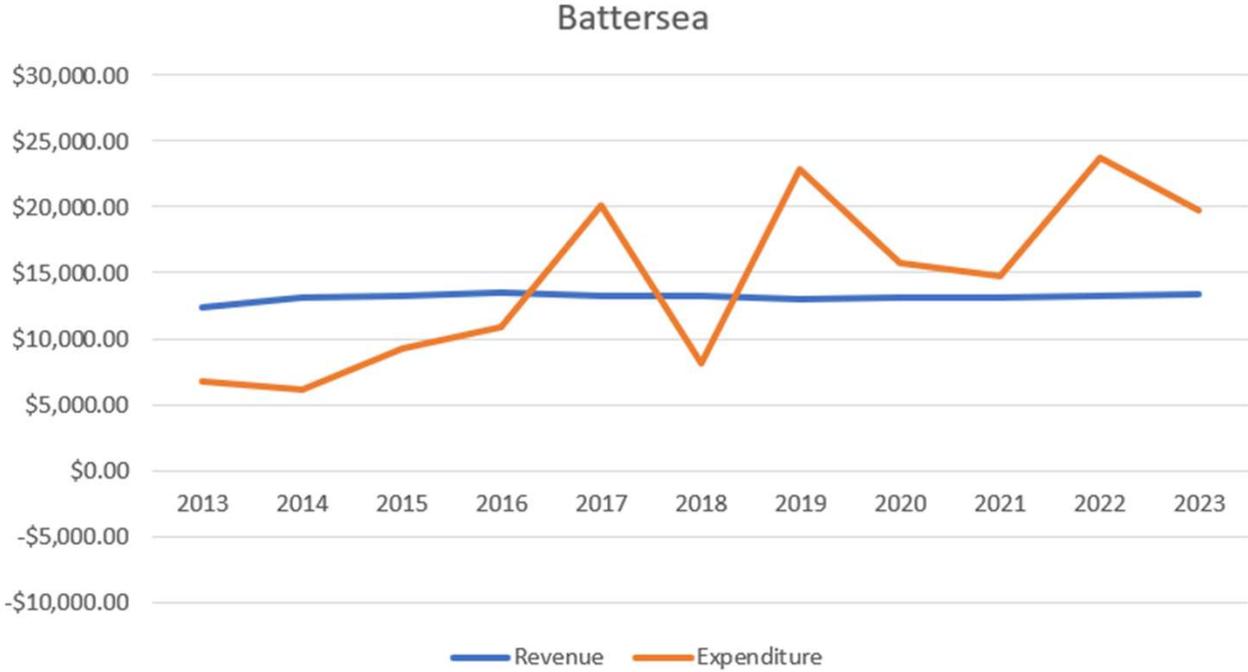
Financial position



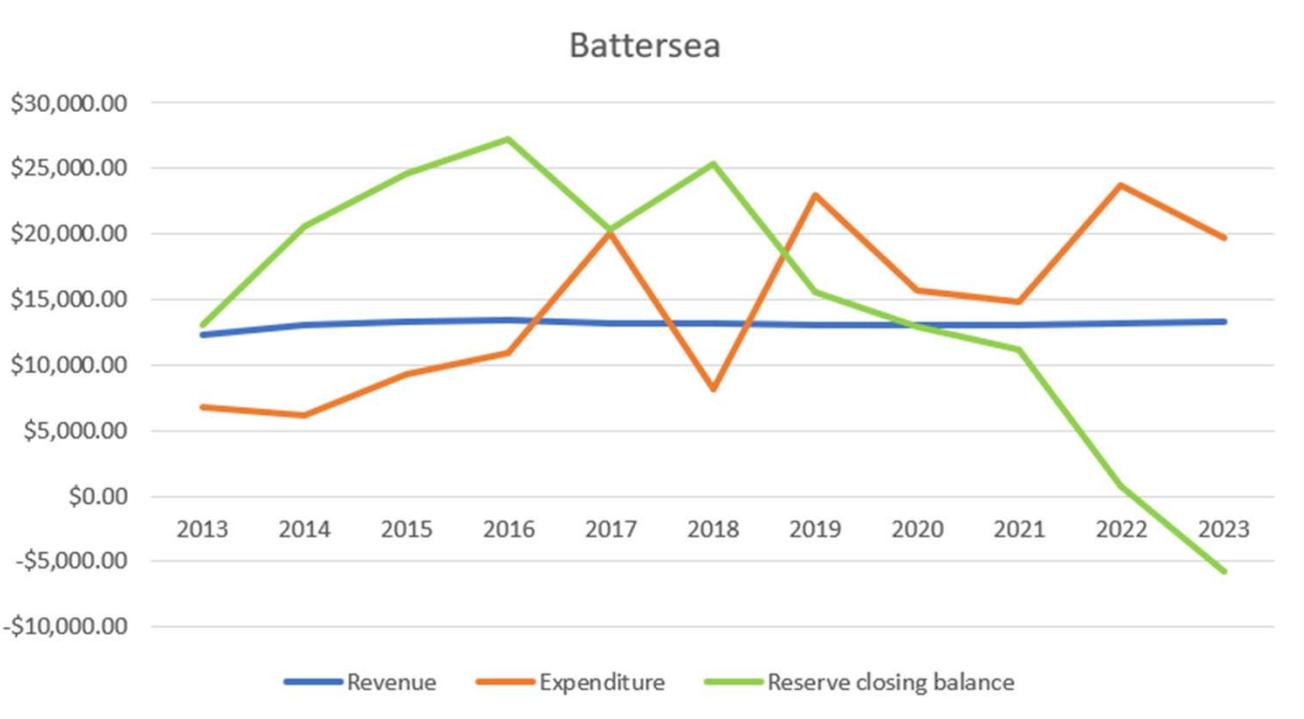
Financial position

Financial contribution range	Number of scheme members
\$0-\$10	23
\$10-\$20	17
\$20-\$50	21
\$50-\$100	13
\$100-\$200	15
\$200-\$500	11
\$500-\$1000	5
\$1000+	1

Financial position



Financial position



Some reasons why expenditure is increasing

- Stock exclusion rules
- Appearance of Celery Weed in the drain
- Health and Safety requirements
- Works can no longer be undertaken in house by GW
- Permitted activity rules for GW have changed.

Level of service

Current maintenance aspiration of the scheme:

- Annual herbicide weed spray
- Machine clean every 5/6 years
- Blockage removal eg: during/after rainfall event.

Other works are the responsibility of the landowner:

- Replacement of culverts/bridges
- Anything which requires consent eg: enlargement of drain
- Erosion repair
- Repairing connecting drains that are not part of the drainage system
- Repair of any damage caused by flooding.

Items for scheme members to consider:

For each scheme, scheme members to advise:

- If they think that the extent of the scheme requires adjustment.
- If they believe that the aspirational maintenance approach is correct, and if not then what alternatives should be considered.
- Whether they think that GW should be managing more maintenance activities, or fewer?
- The best way for scheme members to communicate with GW.

Future challenges

- Funding to match the maintenance strategy
- Ecology in the drain is being given more importance, leading to restrictions on how they can be maintained and what herbicides can be used in them.
- National Policy Statement for Freshwater Management 2020

2.1 Objective

- (1) The objective of this National Policy Statement is to ensure that natural and physical resources are managed in a way that prioritises:
 - (a) first, the health and well-being of water bodies and freshwater ecosystems
 - (b) second, the health needs of people (such as drinking water)
 - (c) third, the ability of people and communities to provide for their social, economic, and cultural well-being, now and in the future.

Suggested next steps

- Scheme members to consider maintenance of the drain and the items highlighted.
- Any further information can be requested from GW via the gravitydrains@gw.govt.nz email address shown on the website.
- GW can analyse the impact of different maintenance strategies or approaches on the targeted rates.
- Scheme members to consider how they want to manage liaison between themselves and GW.
- GW will collate all responses and investigations and arrange a follow up meeting with scheme members in around 2-3 months time.