

Heretaunga Plains - Water Permit Replacement Group

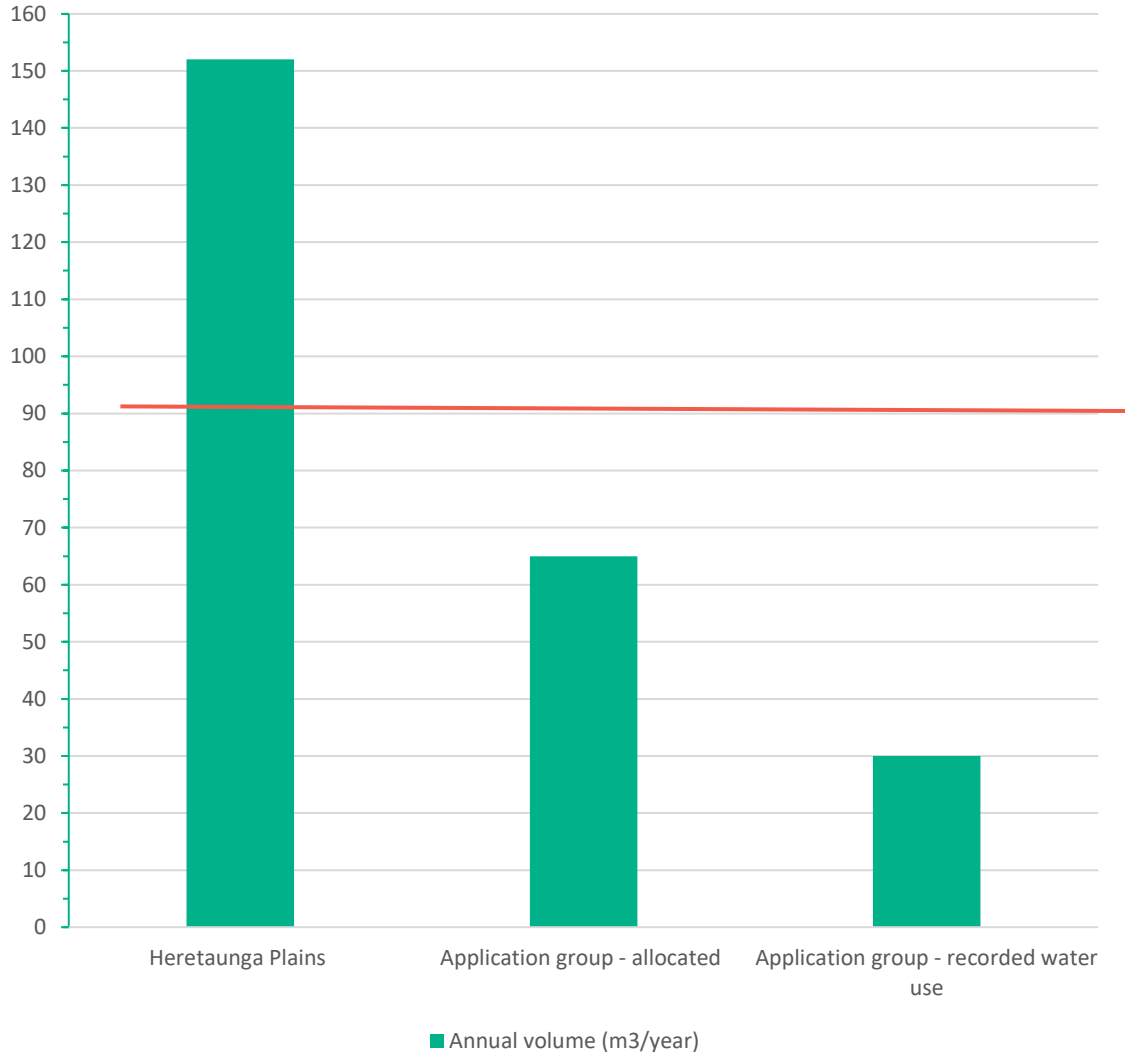


TE KAUNIHERA Ā-ROHE O TE MATAU-A-MĀUI

Heretaunga Plains Replacement Applications

- Have been received since late 2018
- Approximately 800 applications to replace 860 consents
- Expired, but able to be used under RMA s124
- TANK Plan Change – notified 2 May 2020, decision notified 9 September 2022
- Introduces key changes to water allocation approach for Heretaunga Plains
 - Interim allocation limit (90 million m³/year) - based on recorded actual use in 2019/2020
 - Actual and Reasonable Use – method to reduce amount allocated
 - Management as an ‘over-allocated’ resource.
- TANK provisions subject to appeal and not yet operative – but given significant weight

Allocation status - Heretaunga Plains



Water Allocation Estimate – Current

Heretaunga Plains current groundwater allocation :

- 152 million m³/year
- 1370 consents
- Irrigation 53%, Potable 26%, Industry 20%

Application group:

- Total estimated 64 million m³/year (42% of overall allocation volume, 58% of consents)
- Mainly irrigation consents (75%)

Consenting Update

- Initial Actual and Reasonable use estimates based on recorded use and Irricalc and current allocation estimate provided this to applicants – Dec 2023.
- Provisional estimates - time for consideration and additional information.
 - 268 responses so far – most not accepting and asking for time to respond (April/May)
 - Key issues raised include insufficient data and crop development/rotation
 - 25 accepted and we are working on new consents
 - Focusing on progressing the group of small takes (< 5 L/s) - around 100 takes
- From here - go back to applicants, provide time for applicant responses, providing guidance on key issues/questions, respond to and meet with individual applicants.

Actual and Reasonable Use

Lesser of:

- Consented annual volume
- Maximum amount used in a year within 10-year reference period 2010-2020:
 - Unless 'insufficient' or inaccurate data
- Crop water calculator (Irricalc) for irrigated area and crop type within reference period.
- Rule 8 assessment matters, including completeness of record, water sharing/transfers, crop rotation and development phases.
- Additional water considered for programmed or staged development, where this can be demonstrated at 2020.
- 'Insufficient data' is defined as :

where there is no or incomplete water use data for an irrigation season or, for other water uses, a water year, within the ten year period up to 2020 that would otherwise be the year reflecting their maximum annual amount.

- **Actual and Reasonable** in relation to applications to take and use water means:

- a) no more than the quantity specified on the permit due for renewal or any lesser amount applied for; and the least of either:
- b) the maximum annual amount as measured by accurate water meter data in the ten years preceding 2 May 2020 if accurate water meter data is available. (If insufficient or no accurate data is available either clause a) or c) will apply)

or

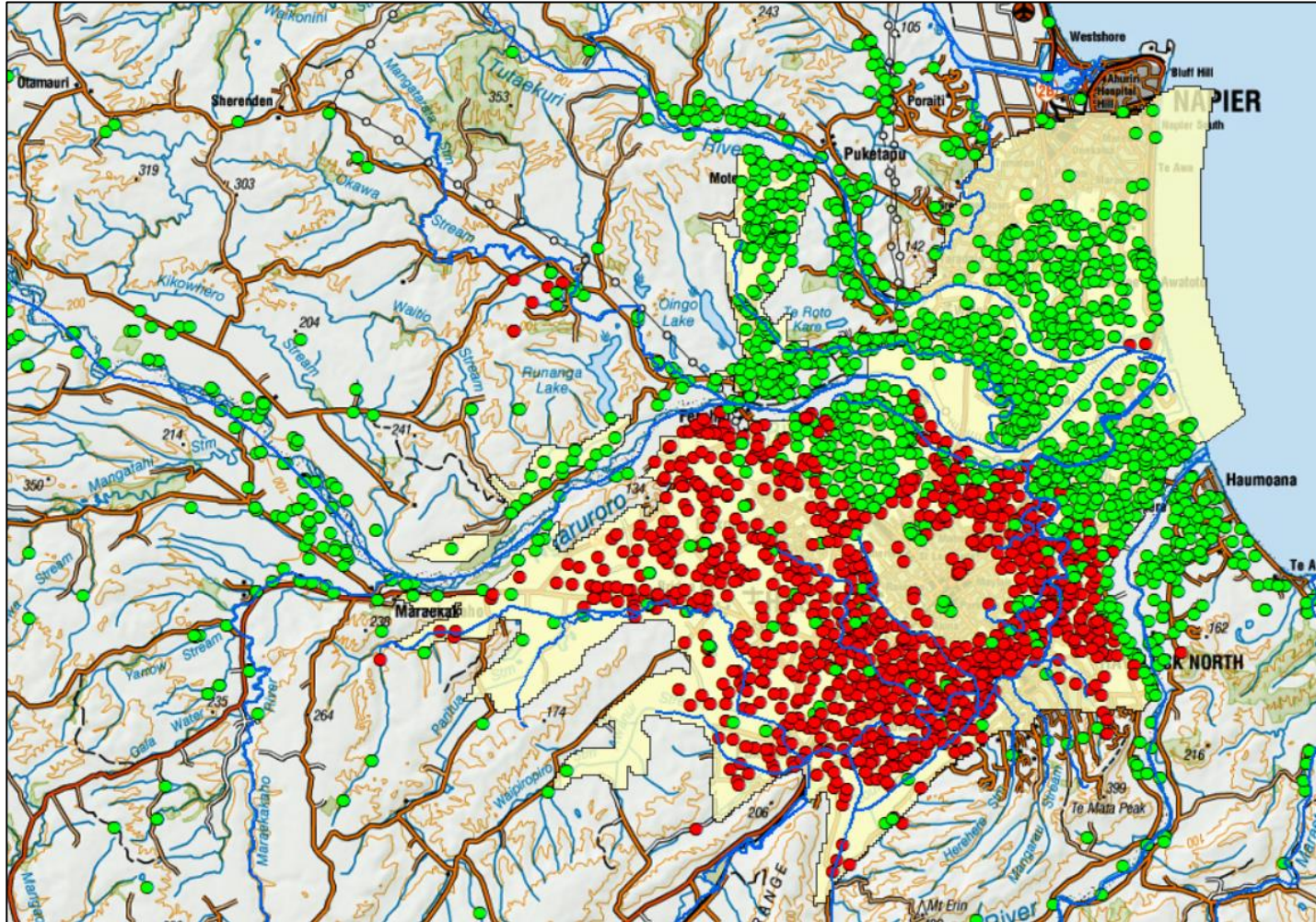
- c) for irrigation takes, the quantity required to meet the modelled crop water demand for the irrigated area with an efficiency of application of no less than 80% as specified by the IRRICALC water demand model (if it is available for the crop and otherwise with an equivalent method), and to a 95% reliability of supply where the irrigated area is:

(i) no more than in the permit due for renewal, or any lesser amount applied for, and in the case of Heretaunga Plains Groundwater Quantity Area, is not more than the amount irrigated in the ten years preceding 2 May 2020 and

(ii) evidence is supplied to demonstrate that the area has, and can continue to be, irrigated and the permit substantially given effect to

Expired/Expiring consents – looking ahead

Another 545 consents expiring before May 2027, with a combined current allocation of approximately 72 million m³/year



2019	Unconfined Aquifer & Unconfined part of Twyford (172 applications)
2020	Twyford Confined (63)
2021	St George (152)
2022	Te Mata (88)
2023	Longlands/Pakipaki, Hastings (381), Poukawa (10)
2024	Various
2025	Haumoana, Whakatu/Clive, Twyford Raupare
2026	Pakowhai, Omarunui, Tutaekuri-Waimate, Moteo
2027	Napier/Meeanee
2028	Poraiti, Tutaekuri