

## COMPREHENSIVE DISCHARGE REGISTER

**CWR NO.3**

**TITLE:** Upper Tamaki (Waiouru Peninsula)

**WATER RIGHT/RESOURCE CONSENT No.**938785

**COMPREHENSIVE DISCHARGE CONSENT No.**14/10/Br/8785

**EXPIRY DATE:** 31 Dec. 2027

**CATCHMENT SIZE:** 237 ha.

**POINT OF DISCHARGE:**

(9 points) Pakuranga Ck, Tamaki River, Otara Ck, Between East R11 762 to 784 & North 709 to 734. See attached map for location and numbering of sub catchments and outfalls.

**PEAK DISCHARGE:**

Sub Catchment Number	1% AEP Flow m <sup>3</sup> /s
A1	6.7
A2	9.0
A3	5.0
B	2.4
C	10.6
D	4.0
E	8.8
F	6.4
G	6.2

**PRIMARY DESIGN STANDARD:** 10% AEP.

**SECONDARY DESIGN STANDARD:** 1% AEP.

**FLOOR LEVEL RESTRICTION:**

0.5m above 1% AEP, or refer to the Proposed District Plan (Section 9.9.1.2 (c) ), **whichever is the more rigorous.**

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\*Refer to Financial Contributions Register for updated figures.

**OTHER CONDITIONS:**

- Treatment ponds constructed to achieve annual sediment removal rate of 75%.
- There is to be no direct discharge of stormwater from land into estuary waters.
- Erosion is to be minimised at all outfalls.
- Each stormwater pond is to be provided with a method to prevent discharge in the event of a spill of environmentally damaging material upstream of the pond. In the event that a pond collects a spill of this nature it must be safely treated and disposed of by recognised water treatment contractors.
- This consent must be given effect within five years from 31 Dec. 1992. Alternatively, an application must be made within 3 months of the expiry of that period for the period to be extended if substantial progress or effort has been made and is continuing to be made towards giving effect to the consent and the applicant has gained approval from every person who may be effected by the consent.

**COMPREHENSIVE DISCHARGE CONSENT LEVY:** \$394 per ha.\*

**S.W. QUALITY LEVY:** To be determined.\*

**PROPOSED WORK:**

Potential developers will be responsible for pipe systems, treatment devices, and outfalls.

**COST:**\*The costs for each sub catchment (as at Feb. 1993 excluding GST) are as follows:

Sub Catchment Number	Cost \$
A1	616,000
A2	770,000
A3	462,000
B	154,000
C	924,000
D	308,000
E	770,000
F	462,000
G	462,000

The total cost is \$4,928,000 (approx.)(GST exclusive), as at Feb. 1993.

**COMMENTS:**

The following recommendations made in the Upper Tamaki Estuary Catchment Study (February 1993) are highlighted:

2. That MCC design chart no. G5, Intensity Curves, be adopted for hydrological design in the Upper Tamaki Estuary Catchment.
7. This relates to the need for the development of a regional or district plan which incorporates rules providing for the effective controls for storage of hazardous substances and spillage.
8. That a maintenance programme be developed and funded to ensure that the quality of

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\*Refer to Financial Contributions Register for updated figures.

stormwater discharged to the receiving waters is kept at the required level.

9. Natural land habitats of high value should not be taken for treatment areas.

10. Care should be taken with outlet siting to avoid damage to maritime marsh habitats.

11. Provision for energy dissipation of treated stormwater flows entering the tidal area should be made wherever necessary, to minimise the erosion potential of discharged stormwater.

12. That no physical works be undertaken prior to establishing they are free of historic sites or authority is obtained under Section 46 (2) of the Historic Places Trust Act to modify the site.

*Diagrams Included:* Proposed Discharge Points

